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ABSTRACT

This directory contains information concerning health occupations training programs in North Dakota, South Dakota, Minnesota, and Montana. It is intended to provide a picture of health education training programs in the four-State region to health professionals, educators, counselors, and other interested persons. The material is indexed by occupation and by institution and also includes job descriptions for various health occupations. The programs listed include academic entrance requirements, length of program, tuition, certificate or degree granted, and other data. (MF)

ED 080708

DIRECTORY OF EDUCATION AND TRAINING PROGRAMS FOR HEALTH OCCUPATIONS

IN

NORTH DAKOTA, SOUTH DAKOTA MINNESOTA & MONTANA

U S DEPARTMENT OF HEALTH
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
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NORTH DAKOTA
STATE DEPARTMENT OF HEALTH
DIVISION OF HEALTH PLANNING
1973

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North Dakota State

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Forward

In October, 1971, the Division of Health Planning, North Dakota State Department of Health, prepared the Directory of Health Occupations Training Programs in North Dakota. This directory contained information on training programs in the health field in North Dakota. It was intended to provide health professionals, educators, counselors, and other interested individuals with information concerning health occupation training programs.

With the start of a new academic year in educational institutions throughout the state, it was discovered that much information concerning the particular programs has changed. Thus, the Division felt it was necessary to update the Directory. In addition to the programs in North Dakota, the Division has endeavored to include programs in Minnesota, Montana, and South Dakota. The intent is to provide a picture of health education training programs in the four state region. It is hoped that individuals involved in the guidance of people into health careers will find this directory useful.

The Division has attempted to identify all health occupation programs in the four state region. Any omission is accidental. In order to be included in the second printing, corrections or additions should be forwarded to: Directory of Health Occupations, Comprehensive Health Planning, State Department of Health, Capitol Building, Bismarck, North Dakota 58501.

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St. Paul, MN 55100
Bozeman Voc-Tech. School
Bozeman, MT 59715
Presentation College
Aberdeen, SD 57401
St. Joseph's Hospital
Mitchell, SD 57301
Lake Area Vocational School
Watertown, SD 57201
Area Voc. Tech. School
Duluth, MN 55802

CYTOTECHNOLOGIST 37

University of N.D.
School of Medicine
Grand Forks, ND 58201

DENTAL ASSISTANT 38

Anoka-Ramsey State Jr. College
Coon Rapids, MN 55433
N.D. State School of Science
Wahpeton, ND 58075
Butte Business College
220 N. Alaska St.
Butte, MT 59701
Normandale State Jr. College
Bloomington, MN 55431
Lake Area Voc.- Tech. School
Watertown, SD 57201
Great Falls Voc. - Tech. Center
1015 1st Ave. North
Great Falls, MT 59401

DENTAL HYGIENIST 39

Anoka-Ramsey State Jr. College
Coon Rapids, MN 55433
Rochester State Jr. College
Rochester, MN 55901
Carroll College
Helena, MT 59601
Normandale State Jr. College
Bloomington, MN 55431
N.D. State School of Science
Wahpeton, ND 58075
University of S.D.
Vermillion, SD 57069

DENTAL SCHOOL 72

School of Dentistry
University of Minnesota
Minneapolis, MN 55400

DIETARY TECHNICIAN 43

Lakewood State Jr. College
White Bear Lake, MN 55110
Presentation College
Aberdeen, SD 57401

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St. Joseph, MN 56374
University of Minnesota
St. Paul, MN 55100
College of St. Teresa
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Masters of Public Health
School of Public Health
University of Minnesota
Minneapolis, MN 55400
Montana State University
Bozeman, MT 59715
College of St. Scholastica
Duluth, MN 55800
College of St. Catherine
St. Paul, MN 55100
Southwest Minn. State College
Marshall, MN 56258
Masters of Nutrition College of
Agric., Forestry & Home Econ.
University of Minnesota
St. Paul, MN 55100
University of Montana
Missoula, MT 59801

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DIETETICS, contd.

N.D. State Univ.
Food & Nutrition Dept.
Fargo, ND 58102
S.D. State University
Brookings, SD 57006

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Home Economic Dept.
Grand Forks, ND 58202

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Bozeman, MT 59715

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Montana State University
Bozeman, MT 59715

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Presentation College
Aberdeen, SD 57401

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Area Voc. Training School
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MN Dept. of Health Nutrition Unit
Minneapolis, MN 55400

St. Paul Tech-Voc Institute
St. Paul, MN 55100

HEALTH CARE ADMINISTRATOR 45

Hospital & Health Care Administrators
1260 Mayo Hospital
University of Minnesota
Minneapolis, MN 55455

Concordia College
Moorhead, MN 56560
Presentation College
Aberdeen, SD 57401

INHALATION THERAPIST 93

St. Mary's Jr. College
Minneapolis, MN 55400
Augustana College
Sioux Falls, SD 57102

Mount Marty College
Yankton, SD 57078
Sioux Valley Hospital
Sioux Falls, SD 57105

INHALATION THERAPY TECHNICIAN 93

Augustana College
Sioux Falls, SD 57102
North Hennepin St. Jr. College
Minneapolis, MN 55400

Sioux Valley Hospital
Sioux Falls, SD 57105
N.D. School of Inhalation Therapy
Mary College
Bismarck, ND 58501

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Worthington St. Jr. College
Worthington, MN 56187
Itasca St. Jr. College
Grand Rapids, MN 55744
N.D. St. School of Science
Wahpeton, ND 58075
University of N.D.
Williston Center
Williston, ND 58801
Flathead Valley Community College
P.O. Box 1174
Kalispell, MT 59901
Lake Area Voc.-Tech. School
Watertown, SD 57201
Pierre School of Licensed
Practical Nursing
Pierre, SD 57501
S.E. Area Voc-Tech. School
Sioux Falls, SD 57101
Billings Vocational
Technical Center
101 10th Street W.
Billings, MT 59102
Butte Vocational
Technical Center
404 South Wyoming
Butte, MT 59701
Vocational Technical Div.
Northern Montana College
Havre, MT 59501
Fergus Falls St. Jr. College
Fergus Falls, MN 56537
Rainy River St. Jr. College
International Falls, MN 56649
Lake Region Jr. College
Devils Lake, ND 58301
Missoula Tech. Center
909 South Ave. West
Missoula, MT 59801
Black Hills Area
Voc.- Tech. School
Rapid City, SD 57701
Mitchell Area Voc. - Tech. School
Mitchell, SD 57301
Rochester School
of Practical Nursing
St. Mary's Hospital
1216 2nd Street, S.W.
Rochester, MN 55901
Bozeman Vocational
Technical Center
404 West Main
Bozeman, MT 59715
Great Falls Vocational
Technical Center
P.O. Box 2669
Great Falls, MT 59403
Helena Voc.- Tech. School
1115 Roberts
Helena, MT 59601

MEDEX 55

University of N.D.
School of Medicine
Grand Forks, ND 58201

MEDICAL LABORATORY ASSISTANT 97

Mitchell Area Voc. - Tech.
Mitchell, SD 57301
Lake Area Voc-Tech School
Watertown, SD 57201

MEDICAL LABORATORY TECHNICIAN 97

Dakota Wesleyn University
Mitchell, SD 57301
Turtle Mtn. School of
ParaMedical Technique
Bottineau, ND 58318
Presentation College
Aberdeen, SD 57401

MEDICAL OFFICE ASSISTANT 49

Itasca State Jr. College
Grand Rapids, MN 55744
Turtle Mtn. School of ParaMedical Tech.
Bottineau, ND 58318
Normandale St. Jr. College
Bloomington, MN 55431
Lake Area Voc.-Tech. School
Watertown, SD 57201

MEDICAL RECORD ADMINISTRATION 50

College of St. Scholastica
Duluth, MN 55800
Carroll College
Helena, MT 59601

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St. Mary's Jr. College
Minneapolis, MN 55406
Anoka-Ramsey St. Jr. College
Coon Rapids, MN 55433
Turtle Mtn. School of
ParaMedical Technique
(NDSU Bottineau)
Bottineau, ND 58318

MEDICAL SECRETARY 52

N.D. State School of Science
Wahpeton, ND 58075
Dickinson State College
Dickinson, ND 58601
Billings Business College
Billings, MT 59102
Butte Business College
Butte, MT 59701
Great Falls Commercial College
Great Falls, MT 59401
Miles Community College
Miles City, MT 59301
Hibbing State Jr. College
Hibbing, MN 55746
Presentation College
Aberdeen, SD 57401
Bismarck Jr. College
Bismarck, N D 58501
Northern Montana College
Havre, MT 59501
Nettleton Commercial College
Sioux Falls, SD 57101
Watertown Business University
Watertown, SD 57201
Turtle Mtn. School of
ParaMedical Technique
(NDSU Bottineau)
Bottineau, ND 58318
Billings Voc - Tech.
Billings, MT 59102
Butte Voc. - Tech. Center
Butte, MT 59701
Great Falls Voc. - Tech. Center
Great Falls, MT 59401
Anoka-Ramsey St. Jr. College
Coon Rapids, MN 55433
Normandale St. Jr. College
Bloomington, MN 55431
Aaker's Business College
Grand Forks, ND 58201
Missoula Tech. Center
Missoula, MT 59801
National College of Business
Rapid City, SD 57701
Northwest College of Commerce
Huron, SD 57350

MEDICAL SCHOOL 55

University of N.D.
School of Medicine
Grand Forks, ND 58201
Mayo Clinic
Rochester, MN 55901
College of Medical Sciences
1260 Mayo
University of Minnesota
Minneapolis, MN 55455
School of Medicine
University of Minnesota
Duluth, MN 55800
Medical School
University of Minnesota
Minneapolis, MN 55400
School of Medicine
University of S.D.
Vermillion, SD 57069

MEDICAL SOCIAL WORKER 85

School of Social Work
909 Social Science Building
University of Minnesota
Minneapolis, MN 55455

MEDICAL STENOGRAPHER 54

Aakers Business College
Grand Forks, ND 58201

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Jamestown College
Jamestown, ND 58401
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Apple Creek Road
Bismarck, ND 58501
Minot State College
Minot, ND 58701
N.D. State University
Dept. of Zoology
Fargo, ND 58102

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University of N.D.
Grand Forks, ND 58201
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Mayville State
Mayville, ND 58257
Bismarck Jr. College
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Lake Region Jr. College
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Mankato State
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St. Cloud State College
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Bethel College
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St. Mary's Jr. College
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Fergus Falls St. Jr. College
Fergus Falls, MN 56537
Rochester State Jr. College
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Aberdeen, SD 57401
Turtle Mtn. School of
Para-Medical Technique
(NDSU Bottineau)
Bottineau, ND 58318
ND State School of Science
Wahpeton, ND 58075
University of N.D., Williston Ctr.
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College of St. Scholastica
Duluth, MN 55800
University of Minnesota
Minneapolis, MN 55415
Hamline University
St. Paul, MN 55100
College of St. Benedict
St. Joseph, MN 56374
Bemidji State College
Bemidji, MN 56601
Concordia College
Moorhead, MN 56560
Rainy River St. Jr. College
International Falls, MN 56649
S.D. State University
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University of SD
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Corbett College
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Willmar St. Jr. College
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Metropolitan St. Jr. College
Minneapolis, MN 55403

MORTUARY SCIENCE 74

Dept. of Mortuary Science
Vincent Hall
University of Minnesota
Minneapolis, MN 55400

NURSE ANESTHETIST 61

Central N.D.
School of Anesthesia
St. Alexius Hospital
Bismarck, ND 58501
Trinity Hospital School
of Anesthesia
Trinity Hospital
Minot, ND 58701
McKennan Hospital
Sioux Falls, SD 57071
School of Anesthesia
St. Luke's Hospital
Fargo, ND 58102
St. Joseph's School
of Anesthesia
St. Joseph's Hospital
Minot, ND 58701
Grand Forks School
of Anesthesia
United Hospital
Grand Forks, ND 58201
Mount Marty College
Yankton, SD 57078

NURSE PRACTITIONER 62

University of North Dakota
Grand Forks, ND 58201

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Bismarck Hospital
Box 640
Bismarck, ND 58501
Community Hospital
Stanley, ND 58748
Mandan Hospital
Mandan, ND 58554
St. Andrews Hospital
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St. Joseph's Hospital
Minot, ND 58701
Union Hospital
Mayville, ND 58257
Pembina County
Memorial Hospital
Cavalier, ND 58220
Garrison Mem. Hospital
Garrison, ND 58540
Mercy Hospital
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St. Joseph's Hospital
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Bismarck Jr. College
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Rugby, ND 58368
Lake Region Jr. College
Area Voc.- Tech. School
Devils Lake, ND 58301
Southeast Area Voc.-
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Sacred Heart Hospital
Yankton, SD 57078

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University of ND
Grand Forks, ND 58201
College of St. Catherine
St. Paul, MN 55100
University of Minnesota
Minneapolis, MN 55415
Dickinson State College
Dickinson, ND 58601
Mary College
Bismarck, ND 58501
Univ. of ND, Williston Ctr.
Williston, ND 58801

OCCUPATIONAL THERAPY ASSISTANT 66

ND State School of Science
Wahpeton, ND 58075
St. Mary's Jr. College
Minneapolis, MN 55406
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Coon Rapids, MN 55433

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Anoka-Ramsey St. Jr. College
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Dickinson St. College
Dickinson, ND 58601
Augustana College
Sioux Falls, SD 57102

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College of Pharmacy
115 Appleby Hall
University of Minnesota
Minneapolis, MN 55455
SD State University
Brookings, SD 57006

ND State University
Fargo, ND 58102
University of Montana
Missoula, MT 59801

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Augustana College
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SD State University
Brookings, SD 57006

University of ND
Williston Center
Williston, ND 58801

Black Hills St. College
Spearfish, SD 57783
University of SD
Vermillion, SD 57069

Dickinson State
Dickinson, ND 58601
Mary College
Bismarck, ND 58501

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School of Medicine
University of ND
Grand Forks, ND 58201
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Rochester
Mayo Foundation
Rochester, MN 55901
Augustana College
Sioux Falls, SD 57102
Concordia College
Moorhead, MN 56560

PHYSICAL THERAPY ASSISTANT 78

St. Mary's Jr. College
Minneapolis, MN 55406

PRE-CHIROPRACTIC 71

Dickinson St. College
Dickinson, ND 58601

ND State University
Fargo, ND 58102

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ND St. School of Science
Wahpeton, ND 58075
Univ. of ND
Grand Forks, ND 58201
St. Olaf College
Northfield, MN 55057

Augustana College
Sioux Falls, SD 57102
ND State University
Fargo, ND 58102

PRE-MEDICAL SCHOOL 73

ND St. School of Science
Wahpeton, ND 58075
ND State University
Fargo, ND 58102

Univ. of N.D.
Grand Forks, ND 58202

Augustana College
Sioux Falls, SD 57102
St. Olaf College
Northfield, MN 55057

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ND State University
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University of ND
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ND St. School of Science
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Bismarck Jr. College
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Havre, MT 59501

Montana State Univ.
Bozeman, MT 59715

PSYCHOLOGY — 78

University of Minnesota
Admissions & Records
Morrill Hall
Minneapolis, MN 55455

Bismarck Jr. College
Bismarck, ND 58501

Dept of Psychology
University of ND
Grand Forks, ND 58201

St. Olaf College
Northfield, MN 55057

Jamestown College
Jamestown, ND 58401

Augustana College
Sioux Falls, SD 57102

Concordia College
Moorhead, MN 56560

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School of Public Health
University of Minnesota
Minneapolis, MN 55455

SD State University
Brookings, SD 57006

RADIOLOGIC TECHNOLOGISTS — 79

University of Minnesota
Minneapolis, MN 55415

Columbus Hospital
Great Falls, MT 59401

St. Patrick's Hospital
Missoula, MT 59801

Quain & Ramstad Clinic
Bismarck, ND 58501

Minot State College
Minot, ND 58701

College of Scholastica
Duluth, MN 55800

St. Luke's Hospital
Duluth, MN 55800

St. Cloud Hospital
St. Cloud, MN 56301

West Bank Radial
Therapy Center
Minneapolis, MN 55400

St. James Comm. Hosp.
Butte, MT 59701

Sioux Valley Hospital
Sioux Falls, SD 57100

Bennett-Clarkson
Memorial Hospital
Rapid City, SD 57701

Willmar State Jr. College
Willmar, MN 56201

Billings Deaconess Hosp.
Billings, MT 59102

St. Joseph's Hospital
Mitchell, SD 57301

St. Luke's Hospital

Moorhead St. College
Moorhead, MN 56560

Montana Deaconess
Great Falls, MT 59401

Mary College
Bismarck, ND 58501

Neuropsychiatric Institute
Fargo, ND 58102

Presentation College
Aberdeen, SD 57401

St. Mary's Hospital
Duluth, MN 55800

Fargo Clinic
Fargo, ND 58101

St. Vincent's Hospital
Billings, MT 59101

Eastern Montana
College of Education
Billings, MT 59101

McKennan Hospital
Sioux Falls, SD 57100

Sacred Heart Hospital
Yankton, SD 57078

Watertown School of
Radiologic Technology
Watertown, SD 57201

St. Ansgar Hospital
Moorhead, MN 56560

Methodist Hospital
Mitchell, SD 57301

St. Mary's Jr. College
2600 South 6th Street
Minneapolis, MN 55406

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Anoka-Ramsey St. Jr. College
Coon Rapids, MN 55433

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Anoka-Ramsey St. Jr. College
Coon Rapids, MN 55433
Lakewood St. Jr. College
White Bear Lake, MN 55110
Normandale St. Jr. College
Bloomington, MN 55431
St. Mary's Jr. College
Minneapolis, MN 55406
Dickinson State College
Dickinson, ND 58601
Metropolitan St. Jr. College
Dept. of Nursing
50 Willow Street
Minneapolis, MN 55403
North Hennepin State
Jr. College
7411 85th Ave. N.
Minneapolis, MN 55428
Hibbing St. Jr. College
Hibbing, MN 55746
University of SD
Vermillion, SD 57069
Rochester St. Jr. College
Rochester, MN 55901
Presentation College
Aberdeen, SD 57401
ND State University
Fargo, ND 58102
Associate Degree
Nursing Program
Northern Mont. College
Havre, MT 59501
Austin Jr. College
Dept. of Nursing
Austin, MN 55912
Miles Comm. College
Miles City, MT 59301

REGISTERED NURSE - BACCALAUREATE DEGREE — 88

Jamestown College
Jamestown, ND 58401
Mary College
Apple Creek Road
Bismarck, ND 58501
Augustana College
Sioux Falls, SD 57102
University of Minn. Admissions
Morrill Hall
Minneapolis, MN 55455
College of St. Catherine
Dept. of Nursing
2004 Randolph
St. Paul, MN 55105
College of St. Teresa
Dept. of Nursing
Winona, MN 55987
Mankato St. College
Division of Nursing
Mankato, MN 56001
Winona St. College
Dept. of Nursing
Johnson & Sanborn Sts.
Winona, MN 55987
Billings Deaconess Hosp.
P.O. Box 1291
Billings, MT 59103
School of Nursing
Carroll College
Helena, MT 59601
Minot State College
Minot, ND 58701
College of Nursing
University of ND
Grand Forks, ND 58201
St. Olaf College
Northfield, MN 55057
College of St. Benedict
Depart of Nursing
St. Joseph, MN 56374
College of St. Scholastica
Dept. of Nursing
324 North 4th Ave. East
Duluth, MN 55805
Gustavus Adolphus College
Dept. of Nursing
St. Peter, MN 56082
School of Nursing
MontanaState University
Bozeman, MT 59715
SD State University
Brookings, SD 57006
Mount Marty College
Yankton, SD 57058
Montana Deaconess Hosp.
1101 26th Street South
Great Falls, MT 59405

REGISTERED NURSE - DIPLOMA — 91

School of Nursing
Bismarck Hospital
Bismarck, ND 58501
School of Nursing
St. Luke's Hospital
Fargo, ND 58102

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REGISTERED NURSE - DIPLOMA contd.

School of Nursing
Trinity Hospital
Minot, ND 58701

Abbott-Northwestern
School of Nursing
810 East 27th Street
Minneapolis, MN 55407

Lutheran Deaconess
School of Nursing
2315 - 14th Ave. S.
Minneapolis, MN 55404

Mounds - Midway
School of Nursing
1700 University Avenue
St. Paul, MN 55104

St. Luke's Hospital
School of Nursing
915 East First Street
Duluth, MN 55805

Methodist Hospital
School of Nursing
Mitchell, SD 57301

St. John's Hospital
School of Nursing
Huron, SD 57350

St. Paul Ramsey
640 Jackson Street
St. Paul, MN 55101

Fairview Hospital
School of Nursing
2312 South 6th Street
Minneapolis, MN 55406

Methodist Hospital
School of Nursing
6500 Excelsior Boulevard
Minneapolis, MN 55426

St. Cloud
School of Nursing
13th St. & 6th Ave N.
St. Cloud, MN 56301

St. Patrick
School of Nursing
500 West Broadway
Missoula, MT 59801

Sioux Valley Hospital
School of Nursing
Sioux Falls, SD 57105

St. John's McNamara Hosp.
School of Nursing
Rapid City, SD 57701

RESPIRATORY THERAPY 93

Augustana College
Sioux Falls, SD 57102

ROTATING INTERNSHIP 97

McKennan Hospital
Sioux Falls, SD 57101

Sioux Valley Hospital
Sioux Falls, SD 57105

SOCIAL WORK 94

Mary College
Apply Creek Road
Bismarck, ND 58501

Dept of Social Work
University of ND
Grand Forks, ND 58201

SPECIAL EDUCATION 94

Division of Behaviorial
Disabilities & Human Development
University of ND
Grand Forks, ND 58201

Minot State College
Minot, ND 58701

SPEECH & HEARING THERAPY 94

University of N.D.
Grand Forks, ND 58201

SPEECH PATHOLOGY & AUDIOLOGY 95

ND State University
Fargo, ND 58102

University of ND
Grand Forks, ND 58201

Moorhead State College
Moorhead, MN 56560

Minot State College
Minot, ND 58701

Mankato St. College
Mankato, MN 56001

University of Montana
Missoula, MT 59801

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SPEECH PATHOLOGY & AUDIOLOGY contd.

Dept. of Speech Science
Pathology & Audiology
110 Shevlin Hall
University of Minnesota
Minneapolis, MN 55455

SPEECH PATHOLOGY & AUDIOLOGY (PRE-PROF.) 96

University of ND
Williston Center
Williston, ND 58801

SPEECH THERAPY

Dickinson State
Dickinson, ND 58601

Mayville State
Mayville, ND 58257

SURGERY RESIDENCY 97

Sacred Heart Hospital
Yankton, SD 57078

VISION CARE TECHNICIAN 98

Itasca St. Jr. College
Grand Rapids, MN 55744

X-RAY TECH, 98

Dickinson State College
Dickinson, ND 58601

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Grand Forks, ND

- Medical Secretary
- Medical Stenographer

BISMARCK HOSPITAL
Bismarck, ND

- Registered Nurse-Diploma
- Nurses Aide, Orderly & Ward Clerk (employees only)

BISMARCK JUNIOR COLLEGE
Bismarck, ND

- Medical Technician
- Nurses Aide, Orderly & Ward Clerk
- Orthopedic Physician Assistant
- Medical Secretary
- Psychology
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DICKINSON AREA VOC.
Dickinson, ND

- Nurses Aide, Orderly & Ward Clerk

DICKINSON STATE COLLEGE
Dickinson, ND

- Medical Technology
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- Speech Therapy Pre-Professional
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- Radiologic Technology

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- Nurses Aide, Orderly & Ward Clerk

JAMESTOWN COLLEGE
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- Medical Technology
- Registered Nurse-Baccalaureate
- Psychology

LAKE REGION JR. COLLEGE
Devils Lake, ND

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- Nurses Aide, Orderly & Ward Clerk
- Licensed Practical Nurse

MARY COLLEGE
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- Registered Nurse-Baccalaureate
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- Registered Nurse-Baccalaureate

NEUROPSYCHIATRIC INSTITUTE
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- Medical Record Technician
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NDSU-FARGO
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- Pre-Nursing
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Bismarck, ND

Radiologic Technology

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ST. JOSEPH'S HOSPITAL
Minot, ND

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ST. LUKE'S HOSPITAL
Fargo, ND

Nurse Anesthetist
Registered Nurse - Diploma
Nurses Aide, Orderly & Ward Clerk
(employees only)

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UNITED HOSPITAL
Grand Forks, ND

Nurse Anesthetist

UND-GRAND FORKS
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UND-MAYVILLE
Mayville, ND

Medical Technology
Speech Therapy
Pre-Professional

UND-WILLISTON
Williston, ND

Medical Technology
Physical Therapy
Speech Pathology & Audiology
Licensed Practical Nurse
Occupational Therapy Pre-Professional

Also included:

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(Employees only)

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Garrison Memorial Hospital, Garrison
Mandan Hospital, Mandan
Mercy Hospital, Valley City
Pembina County Mem. Hosp., Cavalier
St. Andrew's Hospital, Bottineau
St. Joseph's Hospital, Dickinson
St. Joseph's Hospital, Minot
Union Hospital, Mayville

ABBOTT-NORTHWESTERN
Minneapolis, MN

Registered Nurse - Diploma

ANOKA-RAMSEY STATE JR. COLLEGE
Coon Rapids, MN

Dental Hygienist
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Medical Record Tech.
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Occuptaional Therapy Assistant
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AREA VOC. TRAINING
Alexandria, MN

Food Service Supervision

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Austin, MN

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BEMIDJI STATE COLLEGE
Bemidji, MN

Medical Technology

BETHEL COLLEGE
St. Paul, MN

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COLLEGE OF ST. BENEDICT
St. Joseph, MN

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Dietetics
Registered Nurse - Baccalaureate

COLLEGE OF ST. CATHERINE
St. Paul, MN

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Registered Nurse - Baccalaureate
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COLLEGE OF ST. SCHOLASTICA
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Radiologic Technology
Registered Nurse - Baccalaureate
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CONCORDIA COLLEGE
Moorhead, MN

Medical Technology
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Health Care Administration
(Nursing Home-Hosp.)
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CORBETT COLLEGE
Crookston, MN

Mental Health Assistant

FAIRVIEW HOSPITAL
Minneapolis, MN

Registered Nurse - Diploma

FERGUS FALLS ST. JR. COLLEGE
Fergus Falls, MN

Medical Technology
Licensed Practical Nurse

GUSTAVUS ADOLPHUS COLLEGE
St. Peter, MN

Registered Nurse - Baccalaureate

HAMLINE UNIVERSITY
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HIBBING AREA TECH INSTITUTE
Hibbing, MN

Certified Laboratory Assistant

HIBBING STATE JR. COLLEGE
Hibbing, MN

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ITASCA STATE
Fergus Falls, MN

Licensed Practical Nurse
Vision Care Technician
Medical Office Assistant

LAKEWOOD STATE JR. COLLEGE
White Bear Lake, MN

Dietary Technician
Registered Nurse - Assoc. Degree

LUTHERAN DEACONESS
Minneapolis, MN

Registered Nurse - Diploma

MANKATO STATE
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Speech Pathology & Audiology
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MEDICAL INSTITUTE OF MINNESOTA
Minneapolis, MN

Certified Laboratory Assistant

METHODIST HOSPITAL
Minneapolis, MN

Registered Nurse - Diploma

METROPOLITAN STATE JR. COLLEGE
Minneapolis, MN

Mental Health Assistant
Registered Nurse - Assoc. Degree

MINNESOTA DEPT. OF HEALTH
Minneapolis, MN

Food Service Supervisor

MOORHEAD STATE
Moorhead, MN

Speech Pathology & Audiology
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MOUNDS-MIDWAY
SCHOOL OF NURSING
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Registered Nurse - Assoc. Degree

NORTH HENNEPIN ST. JR. COLLEGE
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Inhalation Therapy Technician
Registered Nurse - Assoc. Degree

RAINY RIVER JR. COLLEGE
International Falls, MN

Medical Technician
Licensed Practical Nurse

ROCHESTER JR. COLLEGE
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Medical Technology
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ROCHESTER SCHOOL OF PRACTICAL NURSING
St. Mary's, MN

Licensed Practical Nurse

SOUTHWEST MINNESOTA
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ST. ANSGAR HOSPITAL
Moorhead, MN

Radiologic Technology

ST. CLOUD HOSPITAL
St. Cloud, MN

Radiologic Technology

ST. CLOUD SCHOOL OF NURSING
St. Cloud, MN

Registered Nurse - Diploma

ST. CLOUD STATE COLLEGE
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ST. LUKE'S HOSPITAL
Duluth, MN

Radiologic Technology
Registered Nurse - Diploma

ST. MARY'S HOSPITAL
Duluth, MN

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ST. MARY'S JR. COLLEGE
Minneapolis, MN

Medical Technology
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Medical Record Technician
Physical Therapy Assistant
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Occupational Therapy Assistant

ST. OLAF COLLEGE
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ST. PAUL RAMSEY HOSPITAL
St. Paul, MN

Registered Nurse - Diploma

ST. PAUL TECH. VOC. INSTITUTE
St. Paul, MN

Food Service Supervision
Certified Laboratory Assistant

ST. TERESA COLLEGE
Winona, MN

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UNIVERSITY OF MINNESOTA
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UNIVERSITY OF MINNESOTA
St. Paul, MN

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Dietetics
Speech Pathology & Audiology
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(Nursing Home & Hospital)
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WEST BANK RADIAL THERAPY CENTER
Minneapolis, MN

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Willmar, MN

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WINONA ST. COLLEGE
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Registered Nurse - Baccalaureate

WORTHINGTON STATE JR. COLLEGE
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AUGUSTANA COLLEGE
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Respiratory Therapy
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BENNETT-CLARKSON MEM. HOSP.
Rapid City, SD

Radiologic Technology

BLACK HILLS AREA VOC. TECH.
Rapid City, SD

Licensed Practical Nurse

BLACK HILLS STATE COLLEGE
Spearfish, SD

Physical Therapy-Pre-Prof.

DAKOTA WESLEYN UNIVERSITY
Mitchell, SD

Medical Lab. Technician

LAKE AREA VOC-TECH
Watertown, SD

Medical Lab. Assistant
Dental Assistant
Licensed Practical Nurse
Medical Office Assistant
Certified Laboratory Assistant

MCKENNAN HOSPITAL
Sioux Falls, SD

Radiologic Technology
Rotating Internship
Nurse Anesthetist

METHODIST HOSPITAL
Mitchell, SD

Radiologic Technology
Registered Nurse - Diploma

MITCHELL AREA VOC.- TECH.
Mitchell, SD

Medical Lab. Assistant
Licensed Practical Nurse

MOUNT MARTY COLLEGE
Yankton, SD

Inhalation Therapist
Nurse Anesthestist

NATIONAL COLLEGE OF BUSINESS
Rapid City, SD

Medical Secretary

NETTLETON COMMERCIAL COLLEGE
Sioux Falls, SD

Medical Secretary

NORTH WEST COLLEGE OF COMMERCE
Huron, SD

Medical Secretary

PIERRE SCHOOL OF LPN
Pierre, SD

Licensed Practical Nurse

PRESENTATION COLLEGE
Aberdeen, SD

Medical Technician
Radiologic Technology
Medical Lab. Technician
Health Care Administration
(Nursing Home & Hospital)
Dietary Technician
Food & Dietary Services
Medical Secretary
Registered Nurse Assoc. Degree
Certified Laboratory Assistant

SACRED HEART HOSPITAL
Yankton, SD

Radiologic Technology
Ob-Gyn Residency
Surgery Residency

SIOUX VALLEY HOSPITAL
Sioux Falls, SD

Radiologic Technology
Rotating Internship
Inhalation Therapy Tech.
Inhalation Therapist
Registered Nurse- Diploma

SOUTH DAKOTA STATE UNIVERSITY
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Medical Technology
Dietetics
Registered Nurse-Baccalaureate
Public Health
Physical Therapy-Pre-Prof.
Pharmacy

SOUTH EAST AREA VOC. TECH. SCHOOL
Sioux Falls, SD

Licensed Practical Nurse
Nurses Aide, Orderly & Ward Clerk

ST. JOHN'S HOSPITAL
Huron, SD

Registered Nurse- Diploma

ST. JOHN'S MCNAMERA HOSP.
SCHOOL OF NURSING
Rapid City, SD

Registered Nurse-Diploma

ST. JOSEPH'S HOSPITAL
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Radiologic Technology
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ST. LUKE'S HOSPITAL
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UNIVERSITY OF SOUTH DAKOTA
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Medical School
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Registered Nurse Assoc Degree

WATERTOWN BUSINESS UNIVERSITY
Watertown, SD

Medical Secretary

WATERTOWN SCHOOL OF RAD. TECH.
Watertown, SD

Radiologic Technology

BILLINGS BUSINESS COLLEGE
Billings, MT

Medical Secretary

BILLINGS DEACONESS
Billings, MT

Radiologic Technology
Registered Nurse-Baccalaureate

BILLINGS VOC. TECH. CENTER
Billings, MT

Licensed Practical Nurse
Medical Secretary

BOZEMAN VOC. TECH.
Bozeman, MT

Licensed Practical Nurse
Certified Laboratory Assistant

BUTTE BUSINESS COLLEGE
Butte, MT

Dental Assistant
Medical Secretary

BUTTE VOC. TECH.
Butte, MT

Licensed Practical Nurse
Medical Secretary

CARROLL COLLEGE
Helena, MT

Pre-Veterinarian
Dental Hygienist
Registered Nurse-Baccalaureate
Medical Record Administration

COLUMBUS HOSPITAL
Great Falls, MT

Radiologic Technology

EAST MONTANA COLLEGE OF EDUCATION
Billings, MT

Radiologic Technology

FLATHEAD VALLEY COMMERCIAL COLLEGE
Kalispel, MT

Licensed Practical Nurse

GREAT FALLS COMMERCIAL COLLEGE
Great Falls, MT

Medical Secretary

GREAT FALLS VOC. TECH. CENTER
Great Falls, MT

Dental Assistant
Licensed Practical Nurse
Medical Secretary

MILES COMMUNITY COLLEGE
Miles City, MT

Medical Secretary
Registered Nurse-Assoc. Degree

MISSOULA TECH. CENTER
Missoula, MT

Licensed Practical Nurse
Medical Secretary

MONTANA DEACONESS
Great Falls, MT

Radiologic Technology
Registered Nurse-Baccalaureate

MONTANA STATE UNIVERSITY
Bozeman, MT

Dietetics
Environmental Health
Pre-Vet.
Registered Nurse-Baccalaureate
Family Health Practitioner
Environmental Health

NORTHERN MONTANA
Havre, MT

Pre-Veterinary
Licensed Practical Nurse
Medical Secretary
Registered Nurse- Assoc. Degree

ST. JAMES HOSPITAL
Butte, MT

Radiologic Technology

ST. PAT'S HOSPITAL
Missoula, MT

Radiologic Technology

ST. VINCENTS HOSPITAL
Billings, MT

Radiologic Technology

UNIVERSITY OF MONTANA
Missoula, MT

Dietitics
Speech Pathology & Audiology
Pharmacy

VOC. TECH.
Helena, MT

Licensed Practical Nurse

EXPLANATION OF TERMS

Terms used in program listings

Academic entrance requirements - basic requirements are listed. Most of the colleges will also require the ACT or SAT tests. There are not included in the listing.

Length of program - does not include possible affiliations during the program unless the length of affiliation is given in a percentage form.

Number of students - is approximate in all cases.

If any column is left blank, the information was not available to this office before our publication date. Tuition figures should be checked with the catalog of the individual institution involved.

When the affiliation length is given in a percentage form, it is based on the length of the entire program given earlier in the listing.

BIBLIOGRAPHY

Information for the Job Description Section was taken from:

Minnesota Health Careers Council
Minneapolis, Minnesota

Health Careers Council of Illinois
Chicago, Illinois

Allied Medical Education Directory 1972
Council on Medical Education
American Medical Association
Chicago, Illinois

MEDEX
Dr. Richard A. Smith
School of Medicine
University of Washington
Seattle, Washington

Job Descriptions & Organizational Anal.
for Hospitals & Related Health Services
U.S. Department of Labor-Manpower Admin.
U.S. Training & Employment Service
Washington, D.C.

Sources for the listing of college or training programs were:

Catalogs of all the institutions involved

Allied Health Education - Programs in Junior Colleges/1970
American Association of Junior Colleges
U.S. Department of Health, Education and Welfare
Public Health Service-National Institutes of Health
Washington, D. C.

Allied Medical Education Directory 1972
Council on Medical Education
American Medical Association
Chicago, Illinois

Thank-you to the following for their help in gathering the training program information:

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St. Paul, Minnesota

Division of Comprehensive Health Planning
Office of the Governor
Pierre, South Dakota

Mountain States Regional Medical Program
Great Falls, Montana

JOB DESCRIPTIONS

CERTIFIED LABORATORY ASSISTANT

The certified laboratory assistant performs many routine procedures in the clinical laboratory under the direction of a qualified physician and medical technologist. These procedures may involve hematology, serology, blood banking, urinalysis, microbiology, clinical chemistry, and other areas.

To be suited for a medical laboratory career, one must have an aptitude and interest in the physical and biological sciences. Since the work frequently deals with life and death matters, it requires precision, dependability, and a strong sense of responsibility. Normal vision and ability to distinguish fine shades of color are valuable.

The prerequisite for admission to an AMA-approved program is graduation from an accredited high school or certification of equivalent training. An approved program is a minimum of 12 months in length. The program includes areas of medical ethics and conduct, medical terminology, basic laboratory solutions and media, basic elements of quality control, manipulation of histologic and cytologic specimens, blood collecting techniques, as well as an introduction to basic hematology, serology, blood banking, urinalysis, and other pertinent techniques.

CERTIFICATION-Graduates of approved programs are eligible for the national certification examination given by the Board of Registry of the American Society of Clinical Pathologists.

CYTOTECHNOLOGIST

The cytotechnologist is a trained medical laboratory technologist who works with the pathologist. The main responsibility of the cytotecynologist is to detect evidence of cell disease by the microscopic study of cell examples. These cellular samples are obtained from various sites, such as the female reproductive tract, the oral cavity and any body cavity shedding cells.

The cytotechnologist then prepares the cellular samples by special staining techniques. Using the microscope, the cytotechnologist is able to detect minute abnormalities of the cell. These minute abnormalities may be the first warning signs of cancer. It is through the findings of the cytotechnologist that the physician is frequently able to diagnose cancer long before it could be detected by other methods. Diseases involving hormonal abnormalities may also be detected by cytologic methods.

Prior to acceptance into an AMA-approved program for cytotechnologists, the applicant is required to have completed two years of work in an accredited college or university. The collegiate work should be concentrated in the area of biological sciences. Also, eligibility for admission to a cytotechnologist educational program may be satisfied if the applicant is a registered medical technologist (ASCP), or possesses a baccalaureate degree from an accredited college or university.

The specific training in cytotechnology is twelve months in length. The curriculum includes the historical background of cytology, cytology as applied in clinical medicine, cytology in the screening of exfoliative tumor cells, as well as areas of anatomy, histology, embryology, cytochemistry, cytophysiology, endocrinology, and inflammatory diseases.

CERTIFICATION-Those persons satisfactorily completing an AMA-approved educational program for cytotechnologists are eligible to take the certifying examination given by Registry of Medical Technologists.

DENTAL ASSISTANT

The trained dental assistant works exposing and processing X-ray films. In the laboratory he helps make dental appliances, cast inlays and models of the mouth, and serves as secretary, receptionist, and bookkeeper.

A dental assistant obtains an Associate of Arts degree from a junior college by successfully completing a two-year program in dental assisting.

A sound educational program will include lectures and laboratory practice in dental anatomy and dental technique. There will also be related science courses in elementary bacteriology, chemistry and nutrition.

DENTAL HYGIENIST

The dental hygienist is the only auxiliary dental personnel who provides direct services to the patient, and the only one who must obtain a license to practice. Major responsibilities are that of "preventive dentistry," which includes the scaling and polishing of the teeth and the application of decay-preventives, such as fluoride, to the surfaces of the teeth. The dental hygienist also instructs patients concerning individual dental needs, the importance of good diet and nutrition for good mouth health, and methods and aids for toothbrushing and gum care.

Assisting the dentist in determining dental treatment needs and reporting these findings are frequently added to the responsibilities when working for school systems or in other institutional settings. Other responsibilities might include exposing and processing dental X-ray films, acting as a receptionist and assistant, and carrying out certain laboratory procedures.

Two pathways of professional education are offered in dental hygiene. The first is a two-year program in an accredited school of dental hygiene which grants a certificate, diploma or associate degree. The other program offers a baccalaureate degree after four years of study in a college or university with an accredited school of dental hygiene. A position in a dental office can be secured after completing the two-year program. However, a baccalaureate degree is usually required for a position in public health, in a school health program, or teaching in a school of dental hygiene.

The dental hygiene curriculum in both the two- and the four-year programs is uniform. Courses are divided

into three classifications-scientific, general, and clinical-and are taken within a two-year period. Subjects covered include physiology, dental anatomy, chemistry, pathology, hygiene, English composition, psychology and clinical dental hygiene. In addition to the two-year dental hygiene curriculum, the baccalaureate degree program consists of two years of study in the arts and sciences.

A graduate dental hygienist is required to take a licensing examination before going into practice. The examination consists of both written and practical tests and is given by the State Board of Dental Examiners in each state.

DENTISTRY

The Doctor of Dental Surgery is trained in the exacting art of restoration and treatment of the mouth as well as tooth extraction. He can write prescriptions, advise on diet, and diagnose oral infections and disorders which may affect the general health and nutritional status of the patient. He is a biologist, pathologist, and surgeon; and perhaps most important, an advocate of prevention and public health measures.

Dental education today requires a minimum of two years of pre-professional education in an accredited junior or senior college. These first two years are taken up with such subjects as English, biology, physics, and inorganic and organic chemistry. Even before admission to predental study the student must have a high school education.

Upon admission into dental school, education is concentrated in three major study areas; the basic sciences, clinical training, and orientation.

The pre-professional and professional training takes at least six years, at the end of which time he is eligible for his D.D.S. (Doctor of Dental Surgery) degree. Upon receiving a professional degree and passing a state board examination, he can set up a general dental practice. Or, he may wish to continue with postgraduate studies which qualify him for one of the several dental specialties-public health dentist, oral pathologist (diseases of the mouth), oral surgeon (surgery of the mouth), orthodontics (teeth straightening), pedodontics (children's dentistry), periodontology (gum and tissue care), prosthodontics (making of dentures), and endodontics (root canal therapy).

To make certain that an applicant for studying dentistry has these personal and educational qualifications, the dental schools require completion of the Dental Aptitude Test, which has been devised by the Council of Dental Education of the American Dental Association.

DIETARY TECHNICIAN

A dietetic technician provides supportive personnel in dietetics. The dietetic technician has successfully completed an approved associate degree program leading to competency in either food service management or nutrition care. The technician works under the supervision of the dietitian usually in a hospital or related health care facility.

DIETETICS

A dietitian is a specialist in the science of foods and nutritional requirements of human beings. The hospital dietitian works closely with the other members of the health team to promote and maintain good health through good nutrition.

The clinical or therapeutic dietitian plans regular and modified diets for in-and out-patients. The dietitian also counsels patients on food needs, encouraging them to follow dietary instructions.

Administrative dietitians are responsible for overseeing that the food service of the entire hospital - for both patients and personnel-is nourishing and safe. They write specifications for the purchase of food, equipment and supplies, employ and train department personnel, set up work schedules, and supervise the preparation of food.

The teaching dietitian or dietetic educator may teach courses in the educational program for dietetic interns as well as for medical, dental and nursing students and for the hospital's professional staff.

The research dietitian is concerned with nutritional research-conducting scientifically controlled studies on particular diets. The researcher also acts as a member of the research team for studies involving nutrition.

Education for a dietetics career begins in high school with a college preparatory course. Such additional subjects as biology, chemistry or physics should be taken as preparation for college work in dietetics.

College education courses include physiology, bacteriology and chemistry. In Nutrition courses you learn about food nutrients, their uses and amounts needed to maintain health.

A dietetic internship is encouraged after meeting academic requirements and earning your baccalaureate degree. Internships vary in length from six to eighteen months and when affiliated with a college or university provide graduate credit toward a master's degree. The intership offers supervised clinical experience in nutritional care, administration and education, enabling the student to become exposed to most facets of the profession. Internships are sponsored by university medical centers and residence halls, hospitals, businesses and boards of education.

Opportunities for dietitians far outstrip the number of dietitians seeking new positions. In general, salaries are comparable with other fields requiring similar investments in education and skills.

ENVIRONMENTAL HEALTH
ENVIRONMENTAL SCIENCE TECH.

Related to any type of pollution (air, water) and the maintenance of health standards. Research and government positions offer areas ranging from food inspection, through sanitation and environmental engineering.

EXECUTIVE HOUSEKEEPING

The curriculum is designed to meet certification requirements for the professional managerial position as Executive Housekeeper as outlined by the National

Executive Housekeeper Association. Large institutions such as government and private hospitals, and similar institutions require certified professional housekeepers to direct sanitation procedures, laundering of institutional textiles, purchasing of linens and management of housekeeping equipment and institutional lines as well as personnel work.

FAMILY HEALTH PRACTITIONER

The goal of this training is to transfer routine duties from the doctor to the nurse to enable the doctor to see more patients. It is also seen as a means of serving more remote areas by placing a practitioner in the field who has arrangements with a physician for consulting assistance.

The nurse is trained to take the patients history give a pre-exam and do some routine diagnositc evaluation.

To qualify the nurse must be an R.N. Programs last approximately 1 academic year. This is a Federally funded pilot project subject to yearly federal funding.

FOOD & DIETARY SERVICES

The dietetic assistant or food service supervisor has a high school education or equivalent and has completed a high school or vocational school food service supervision course. The dietetic assistant is supervised by the dietitian or dietetic technician and works primarily in food service management. Employment is readily available in hospitals, nursing homes and other health care facilities.

FOOD SERVICE SUPERVISOR

The food service supervisor position has been created within the last 20 years as the shortage of qualified dietitians became more and more acute and the need arose for them to delegate non-professional duties to a skilled technical worker.

In larger institutions the position of food service supervisor encompasses specializations such as administration or patient food service. In smaller institutions, usually less than 100 beds, her title is often cook-manager, and she is responsible to the administrator. The supervisors are professionally assisted by a consulting or part-time dietitian.

Specific duties of a food service supervisor might include orienting, training, supervising and evaluating personnel; instructing employees in use, care and maintenance of equipment; preparing work and time schedules; supervising sanitation and housekeeping; assisting in ordering food supplies,receiving deliveries, supervising activities of work areas; writing modified menus according to patterns established by the dietitian; and contacting patients who are receiving routine diets.

Preparation: High school diploma or equivalent is required to enter the one-year training courses. Food service experience is very desirable.

HEALTH CARE ADMINISTRATOR

Hospital Administrator-the hospital administrator as chief executive officer supervises and coordinates all the activities of his hospital under the policy directives developed by a governing board.

He is responsible for hospital operations including all professional and technical services rendered, sound fiscal management, employment of personnel, housekeeping and plant services. His position requires a working knowledge of finance, medical staff activities, nursing science, personnel, purchasing, public relations, fund raising.

Preparation: Although hospital administrators formerly came from a variety of educational backgrounds and attained their positions by serving years of apprenticeship, now most complete a four year college program followed by two years of post graduate education to earn a Master's degree in hospital administration.

The undergraduate background should include courses in the liberal arts, science, business and administration. The first post-graduate year will consist of academic study, and the second will usually be an administrative residency in a hospital.

Nursing Home Administrator-the duties of the nursing home administrator are similar to those of the hospital administrator. He is responsible for all aspects of his home's operation including the activities of professional and non-professional personnel and all the services they render. He usually operates under the policies of a governing board, and must be an expert in business administration as well as care of the aged.

INHALATION THERAPIST

The inhalation therapy technician performs clinical procedures in the hospital or clinic under the direction of a qualified physician. These procedures may include assisting or controlling breathing of patients with special machines, assisting physicians in reviving patients, administering medical gases, and conducting breathing tests.

Admission to AMA-approved programs require graduation from high school or certification of equivalent training. An AMA-approved program is a minimum of eighteen months in duration, including a minimum or 1800 didactic instructional hours, with emphasis upon technical performance and the theoretical aspects of inhalation therapy.

The training program includes biological and physical sciences basic to understanding the functioning of the human breathing system - such as anatomy, physiology, medical terminology, chemistry, mathematics, microbiology, and physics - - all social sciences basic to understanding how to interrelate with patients - such as psychology, communications, and medical ethics. Clinical training in routine and special procedures applicable to pediatric, adult, and geriatric patients is usually provided in cooperating hospitals in the vicinity.

Those completing an approved program may receive a certificate or degree, and will be eligible to take the national examination for the American Registry of Inhalation Therapists.

LICENSED PRACTICAL NURSE

A Licensed Practical Nurse works under the supervision of a registered nurse or physician giving nursing care to patients in situations that are relatively free of scientific complexity, and works very closely with a registered nurse in giving nursing care to patients in more complex situations.

An L.P.N. is well qualified in many aspects of giving bedside nursing care, but is not prepared to assume responsibility for fulfilling all facets of that care.

Programs which prepare practical nurses may be operated by hospitals or by public vocational education systems. The program is generally eleven to twelve months in length.

MEDEX

The purpose of the MEDEX (médecin extension= physician's extension) Project is to develop an extension of the physician-another pair of skilled hands under his supervision and available to help him 24 hours a day, a person trained by and for a specific physician. MEDEX is a model of non-physicians extending primary medical care transferable to rural, suburban, or urban settings. It is anticipated that his model will demonstrate that former military corpsmen with additional practical training can perform many tasks, presently performed by civilian physicians, which do not require the extensive and sophisticated eduction obtained in medical schools.

Criteria for selection include the following: applicant's knowledge of his limitations, judgment under varying circumstances, interpersonal relationships, medical task proficiency and knowledge, and satisfaction with the projected role of Medex. The Medex trainees selected varied in age from 22 to 55 years and educationally from holding a high school diploma to a bachelor's degree.

For the first months of his preceptorship, the Medex will assist and extend the physician by learning and applying primary medical care skills under his close supervision. When the physician has developed enough confidence in the individual, he could be used in a variety of ways-all activities geared toward extending the physician's capabilities. Tasks that this new professional could perform include screening patients to be seen by the physician, history taking, performing parts of physical examinations, the application and removal of casts, assisting at surgery, suturing minor lacerations, taking roentgenograms and performing laboratory tests during non-office hours, assuming certain administrative responsibilities and being available to provide the physician with assistance any day of the week, and any hour of the night.

A certificate is awarded each Medex upon the completion of the three-month university training phase, and an additional certificate will be awarded upon completion of the preceptor training phase.

Special attention has been paid to the selection of the corpsmen, the matching of Medex and preceptors, phychologic adaptation to the civilian medical scene, and the development of the Medex's self-image, identity, and status.

MEDICAL LABORATORY ASSISTANT

A laboratory assistant is one who has been formally trained to perform the more routine laboratory tests under supervision. He or she can assist in bacteriology, chemistry, hematology, parasitology, serology, blood banking and urinalysis.

Specific tasks may include collecting blood specimens, grouping and typing blood, preparing and staining slides, examining microscopically urine, blood and body fluids, and taking electrocardiograms and basal metabolism test.

Emphasis in training is on careful technical performance and precise procedures. With dependable and properly prepared assistants, the medical technologists are free to devote attention to the more highly skilled tasks.

Preparation: Graduation from an accredited high school, preferably with ability and interest in science and mathematics, is required for admission to an approved school.

The 12-month course of practical and technical training includes a minimum of 100 hours of classroom instruction, plus 40-44 hours per week of laboratory training. Most schools have no tuition and many offer scholarships or stipends.

Two year programs are an alternative. Those who earn an associate degree will be that much closer to completing the four-year education of a medical technologist, if they so desire.

MEDICAL LABORATORY TECHNICIAN

The medical laboratory technician is trained to make routine chemical, microscopic, and bacteriological tests on blood, urine, feces, sputum, spinal fluid and tissues for the purpose of aiding the medical team in making scientific diagnosis upon which subsequent treatment and care is based. He is trained in theory sufficiently to have a good grasp of the reasons behind the tests he performs but functions basically as a technician preparing slides, and performing tests accurately for final analysis by the physician or pathologist who has the ultimate responsibility. The work is performed in a clinic, hospital, private or public laboratory under standard laboratory conditions.

MEDICAL OFFICE ASSISTANT

Medical assistants are usually employed in physicians' officers where they perform a variety of administrative and clinical tasks to facilitate the work of the doctor. Some, however, work in hospitals and clinics, and although most medical assistants are women, some men are also numbered in their ranks. The medical assistant is supervised by a physician and performs those tasks required by

him in accordance with specific state laws.

In a one-girl office, the medical assistant has various duties. As an office assistant, she acts as secretary, receptionist, and bookkeeper. The medical assistant makes appointments, handles correspondence and filing, arranges for laboratory or x-ray procedures, arranges hospital admissions, schedules surgery, keeps track of patients accounts, handles billing and collecting, assumes all banking duties, maintains up-to-date medical records, prepares information for tax returns, and processes insurance claims. Today many medical assistants advise elderly patients about Medicare coverage and how to process the necessary forms.

As a technical assistant, the medical assistant prepares patients for examination or treatment, takes temperatures, measures height and weight, sterilizes instruments, and stands by to assist the physician as he examines or treats patients. Some medical assistants who have special training may also perform routine laboratory tests.

MEDICAL RECORD ADMINISTRATOR

The hospital medical records department is usually headed by a medical record administrator (RRA). The RRA is a member of the hospital's administrative staff, supervising assistants, designing appropriate filing systems, analyzing records, releasing records to authorized persons, and collecting data for quality care studies. Records help to establish or correct hospital policies and influence future planning in construction and patient care.

Preparation for a career as a medical record administrator begins in high school, with an emphasis in such subjects as the natural sciences and mathematics, balanced with courses in English, social studies, and typing.

Training programs fall into two groups:
1. For the high school graduate. Bachelor's degree programs with a major in medical record science or medical record administration.
2. For the college graduate. Twelve-month postgraduate programs which offer a certificate in medical record science or medical record administration to individuals who have already earned a bachelor's degree and who have the prerequisite courses in the biological sciences.

The curriculum will vary from school to school, but in general the emphasis is on anatomy and physiology, medical terminology, medical record science, statistics, medical law, administration, history of medicine, and data processing.

Completion of either type of program qualifies the student to take the national registration examination.

MEDICAL RECORD TECHNICIAN

The daily operations of the medical record department may be handled by a person with less training, the medical record technician.

This individual reviews medical records for completeness and accuracy, sees that all pieces of information concerning a patient are in his medical record, and does the coding and indexing of diseases and operations, according to standardized classification systems.

The technician files and microfilms records, compiles different kinds of statistics and data for the medical staff and others, types medical reports, and pulls charts upon request.

Preparation. To become an Accredited Record Technician (A.R.T.) one must:

(a) Complete one year of education in an approved school for Accredited Record Technicians,

or

(b) Complete the approved Correspondence Course for Medical Record Personnel while employed in a hospital medical record department,

or

(c) Complete a two-year junior college course in medical record technology,

and

(d) Must pass the accreditation examination of the American Medical Record Association.

MEDICAL SECRETARY

Medical secretaries handle basic secretarial responsibilities such as answering telephone calls, making appointments, taking dictation, dealing with mail, typing letters and medical reports, and acting as receptionist for the physician. Their work requires them to be familiar with medical terminology.

In some cases, the medical secretary may be required to handle the bookkeeping, medical records, writing up of medical insurance, and other more specialized responsibilities.

Medical secretaries are employed in doctors' offices, hospitals, clinics, medical schools, medical laboratories, insurance companies, and by manufacturers of drugs and medical supplies.

Preparation: to become a medical secretary, a high school graduate may enroll in a course which can be from 9 to 18 months long. Courses are offered in junior colleges, vocation-technical schools, or business schools.

Occasionally, on the job training is available, but a formal course is recommended. A background of typing and shorthand is desirable.

MEDICAL SOCIAL WORKER

Social work, or social service, is a profession dedicated to helping individuals and families function effectively in today's world.

Medical facilities such as hospitals and clinics employ a social work staff to help patients and their

families resolve and adjust to problems which are related to illness and hospitalization. This is ideally accomplished through a teamwork relationship with the medical staff, pastoral care, nursing service, physical and occupational therapy, and other hospital departments.

Some of the situations in which social workers can be helpful include:

1. Admission Planning-Patients may have problems which hinder acceptance of admission to the hospital.
2. Counseling with patients and relatives regarding resistance or ambivalence to medical procedures, and/or continuing adjustment to acute or chronic illness and/or residual disability.
3. Securing information from the patient, his relatives, employers, school and social agencies to aid in the evaluation and treatment.
4. Referring patients or relatives to community agencies for Financial Assistance.
5. Planning for discharge of patients.

Preparation: a well rounded program of study in the liberal arts, emphasizing the humanities and social services, is the first prerequisite for social work. Maximum advancement can be achieved through graduate study consisting of a two-year Master's degree program.

Currently at both the upper and lower division levels, field work experience is a criteria for attainment of a degree. The student can request placement in a medical setting, which can help to solidify his specific professional choice.

MEDICAL STENOGRAPHER

Takes dictation for correspondence, reports, and other matter from medical and technical personnel, and transcribes dictated material using a typewriter. May use shorthand, a stenotype machine, or transcribe information from sound recordings.

Classifies technical material, using indexing system or coding charts, and copies indices and other data such as patient identification and diagnosis.

May tabulate statistical reports. May answer telephone and give routine information.

Education, training, and experience: high school graduation and 1 year of business school with emphasis on medical terminology required.

MEDICAL TECHNOLOGIST

The medical technologist performs many routine and specialized tests in the clinical laboratory for determining the presence and extent of disease.

The myriad of tests and procedures performed or supervised by the medical technologist includes the major areas of hematology, serology and immunology, chemistry, blood banking, microbiology and parasitology, urinalysis, histology, and cytology.

Approximately two-thirds of all medical technologists are employed in hospital laboratories. Most others are employed in physicians' private laboratories; clinics; the armed forces; by city, state and federal health agencies; in industrial medical laboratories; in pharmaceutical houses; and in numberous public and private research programs dedicated toward the study of specific diseases.

Admission to programs for the education and training of technologists requires a minimum of 90 semester hours (135 quarter hours) of academic credit in a college or university approved by a recognized regional accrediting agency. This academic credit must include appropriate course work in biology, chemistry, and mathematics. The clinical training program is at least 12 months in duration. Emphasis is placed upon the basic principles commonly utilized in diagnostic laboratory tests, with technical instruction pertaining to procedures in hematology, serology, clinical chemistry, microbiology and other areas pertinent to the total function and scope of the medical technologist in the clinical laboratory.

Registration: Graduates of AMA-approved programs for medical technologists are eligible for the registry examination given by the Registry of Medical Technologists (ASCP).

MENTAL HEALTH ASSISTANT

Assists in the operation of a mental health treatment or rehabilitation center. For further information the college should be contacted.

NURSE ANESTHETIST

Administers intravenous, spinal, and other anesthetics to render persons insensible to pain during surgical procedures, deliveries, or other medical and dental procedures:

Takes necessary supplies and equipment to operating room and assembles equipment, such as syringes and tubing. Assembles machine for administering gas and tests it to insure proper functioning. Studies physical findings of preoperational examination to determine probable effects of anesthetic on patient. Administers preoperational medications prescribed by physician, if not already given. Prepares prescribed solutions for intravenous injections. Ascertains that blood of proper types is available for emergency use. Takes patient's blood pressure, respiration and pulse.

Education: graduation from an accredited School of Nursing plus graduation from an accredited School of Nurse Anesthesiology, usually an 18 to 24 month course. Must be certified as a Registered Nurse and as a Registered Nurse Anesthetist in the State where working.

Worker traits:

Aptitudes: Verbal ability is necessary to understand medical terminology and principles; for preparing written reports in technical language; and for reading and understanding preoperational reports.

Form perception is necessary to insure that patient is breathing properly to obtain maximum benefit from anesthetic.

Motor coordination is needed to coordinate vision with finger-and-hand movements to quickly and precisely administer anesthetics and remedial action and to prepare and position equipment used.

Color discrimination is necessary to determine that patient's skin color remains normal during period of anesthesia.

Interests: A preference for working with people by applying knowledge of anesthesia to maximize comfort and health of patients during surgery.

A preference for activities related to machines and techniques in order to set up and use anesthetic agents and equipment, following accepted anesthetia procedures and techniques.

Temperaments: Equipped to deal with people in actual job duties when cooperating as a member of the surgical team; and when reassuring patient.

Performs under stressful conditions of surgery and childbirth.

Reacts quickly and efficiently when patient under surgery shows adverse symptoms.

Adheres strictly to established practices of preparing the patient and administering anesthetic.

Physical Demands and Working Conditions: This work is medium. Helps lift, move, and position patient on operating table.

Sits and stands to administer anesthetic and to observe condition of patient under anesthesia.

Reaches, handles, and fingers equipment, valves, and parts.

Near-visual acuity and color perception when administering anesthetics and observing physical condition of patient.

NURSE PRACTITIONER

The goal of this training is to transfer routine duties from the doctor to the nurse and to enable the doctor to see more patients.

It is also seen as a means of serving more remote areas, by placing a practitioner in the field who has arrangements with a physician for consulting assistance.

The nurse is trained to take the patients history, give a pre-exam and do some routine diagnostic evaluation.

To qualify the nurse must be an R.N. Program last approximately one academic year. This is a Federally funded pilot project subject to yearly federal funding.

NURSES AID, ORDERLY & WARD CLERK

These auxiliary nursing personnel work directly under the supervision of a Registered Nurse. They perform many of the routine tasks essential to the comfort of patients and help relieve nurses of a share of their workload.

A nurse aid provides services contributing directly to the welfare of patients. She gives baths and back rubs, makes beds and keeps the unit in order, carries meal trays and helps feed patients, answers lights and delivers messages, helps patients in and out of bed, and performs other services as directed by the nurse.

Aides are usually employed in hospitals and nursing homes.

The orderly is the male counterpart of the nurses aid. He provides most of the same services as the aide, but with emphasis on the care of male patients.

He is especially helpful in moving and lifting heavy patients, transporting patients on stretchers, helping set up traction equipment, and operating and cleaning various equipment.

The orderly is sometimes "on call" to several departments to assist in caring for patients. He, too, is employed primarily in hospitals and nursing homes.

A Ward Clerk relieves nurses of paper work and routine business tasks involved in the management of a patient-care unit. In certain institutions this worker is given responsibility for all functions of the unit not directly involved in nursing, and is called a Ward Manager.

OCCUPATIONAL THERAPIST

Occupational Therapy is the use of purposeful activity as treatment in the rehabilitation of persons with physical or emotional disability. The occupational therapist determines the treatment program in consultation with the physician, according the the individual needs of the patient.

The activities employed may include creative arts, manual arts and crafts, group and individual recreation, self care, homemaking, vocational evaluation and prevocational training, and instruction in the use of prostheses and adapted equipment.

The broad objectives are to decrease or eliminate disability during the patient's initial phases of recovery following injury or illness, increase or maintain the individual's capability for independence and his physical, emotional and social well-being and develop total function to a maximum level through early evaluation, treatment and experimentation for future job training and employment.

Preparation: After completing two years of college pre-requisite courses, a student may enter a bachelor's degree program with a major in Occupational Therapy. Of the total 4½ to 5 year program, about nine months are spent in clinical affiliations working with patients under supervision.

A graduate O.T., after successfully completing the National Registry examination, is permitted to use the title Occupational Therapist Registered. An OTR can receive a master's degree in Occupational Therapy with an additional 1½ years of study.

OCCUPATIONAL THERAPY ASSISTANT

The Certified Occupational Therapy Assistant works under the direction of a registered occupational therapist in carrying out a treatment program for the mentally or physically ill or disable.

Duties may include instructing patients in manual and creative arts and other educational and recreational activities. The assistant prepares and lays out work materials and supplies for patient treatment, and assists in maintenance of tools and equipment. He or she may assist in the construction of adapted equipment and hand splints.

Assistants report to and consult with the occupational therapists regarding patient progress and procedures of patient care.

Preparation: The length of O.T.A. training programs varies at the present time. The student learns activity techniques and becomes acquainted with the psychological, social and physical needs of patients and the role of occupational therapy in treatment. Clinical experience is provided.

OPTICIAN

An optician grinds lenses, fits them into frames, and adjusts the frames to the wearer. An optician does not perform visual examinations or prescribe treatment, but assists the optometrist in complete care of the patient.

ORTHOPAEDIC PHYSICIAN'S ASSISTANT

The orthopaedic physicians's assistant has close liaison with and works under the supervision of an orthopaedic surgeon. He is proficient in the application and removal of plaster casts, is able to instruct patients in routine care of casts, and understanding the dangers of plaster immobilization.

The orthopaedic physician's assistant manages equipment and supplies in both the traction and cast areas of the hospital. In the operating room, he is prepared to serve as an operating room technician with special knowledge and skills regarding the care of orthopaedic surgical instruments. The orthopaedic physician's assistant instructs and assists patients in crutch walking and instructs patients in certain types of active exercises.

Education: formal educational programs for the preparation of the orthopaedic physician's assistant have been established in junior and community colleges affiliated with suitable clinical institutions. Prior to admission, the applicant is required to have completed four years of high school or to have passed a standard equivalency examination. The recommended curriculum includes a general education core supplemented by a health education core that includes anatomy, physiology, microbiology, typing and orientation to patient care. The orthopaedic physician's assisting program includes specific courses in patient service and emergency room technique, orientation to physical therapy, cast and traction application, orthopaedic diseases and injuries, office procedures, operating room technique, and orientation to prosthetics and orthotics. The teaching program is not less than two academic years in length, and may lead to an associate in arts degree or equivalent.

PHARMACIST

The pharmacist is a specialist in the science of drugs. He must understand their composition, chemical and physical properties, manufacture and uses, activity in the normal and weakened body, and must be familiar with tests for drug purity and strength.

He is well prepared to compound and dispense medication on prescription orders written by physicians, dentists and other prescribers. In return, prescribers rely on the pharmacist for information about various drugs, their availability and activity. The pharmacist is an integral and important member of the health care team.

The pharmaceutical industry is a possible career area. It utilizes pharmacists in manufacturing, research and sales. The pharmacist may work to discover new and more effective drugs from plants, may study the effects of drugs and devise safe dosage forms and amounts, or may work with the public in marketing new products.

Preparation: students in colleges of pharmacy study for a minimum of five years, and sometimes six, in addition to a one year internship.

The first one or two years may be spent in general education before entrance into the professional program. High school preparation should include good work in English and good comprehension of mathematics and science.

PHYSICAL THERAPIST

Physical therapists work with patients to restore function and prevent disability after disease or injury. Their goal is to help the patient reach his maximum performance while learning to live within the limits of his capabilities.

The physical therapist evaluates the patient and plans the treatment program which will be most effective. He maintains contact with the referring physician regarding the patient's progress. He may give strengthening exercises to someone who has fractured his leg, lessons in walking and stair climbing to a patient with paralysis following a stroke, or coordination exercises to a child with cerebral palsy. To alleviate pain, he also uses treatments of heat, cold, water, and ultra sound.

High school graduates may pursue a four year college course leading to a bachelor's degree. Those who have already graduated from college and want to study physical therapy may take an intensive course leading to a certificate or to a master's degree.

PHYSICAL THERAPY ASSISTANT

The assistant's function is to help the professional physical therapist in patient-related activities by carrying out the tasks which he is trained for under the physical therapist's supervision.

The assistant performs certain routine treatment procedures in accordance with the planned programs, assists the PT in carrying out more complex procedures, and observes and reports to his supervisor on patient behavior.

Preparation: to enter this career, one completes a two-year college level course leading to an associate degree. The program must be held in an accredited college and must be approved by the APTA.

PHYSICIAN

Those who do choose patient contact may take the role of family physician. The family physician provides continuous and comprehensive care for the individual, coordinating his services with those of consultants and allied health personnel.

Others choose to practice one of the twenty specialities listed below. Within some of these fields there are recognized areas of sub-specialty:

Administrative Medicine
Anesthesiology
Colon & Rectal Surgery
Dermatology
Internal Medicine
Neurological Surgery
Obstetrics & Gynecology
Ophthalmology
Orthopedic Surgery
Otolaryngology
Pathology
Pediatrics
Physical Medicine & Rehabilitation
Plastic Surgery
Preventive Medicine
Psychiatry & Neurology
Radiology
Surgery
Thoracic Surgery
Urology

Preparation: during high school and pre-medical college study, a student who wants to become a physician should prepare himself with a variety of courses in the sciences and humanities. In addition, the high school student should pursue those college preparatory courses which meet the admission requirements of the college or university of his choice.

At least three, and most likely four, years of pre-medical college study are required before a student may enter medical school. The pre-medical student takes the Medical College Admission Test, which is offered twice annually and applies to the medical school of his choice. If accepted, four years of concentrated study will follow

The first two years will be spent in class and laboratory, and the last two in learning under supervision in hospitals. Every medical school graduate spends at least one year as an intern, and may spend from two to five additional years in post-graduate training for practice in the specialties.

Before embarking upon the regular practice of medicine the graduated student must obtain a license from the state. The board of medical examiners in the state issues the license after the student meets the state's requirements for licensure.

PSYCHOLOGY

Psychology is a science and art concerned with behavior. There are several disciplines within psychology. A management psychologist, for example, might be concerned with evaluation and development of managerial skills within a company, while an experimental psychologist may be testing the effects of various amounts of food on a rat's behavior. A clinical psychologist is concerned with the diagnosis and treatment of emotional problems; these may range from mild fears to people seeing things that do not really exist.

To become a psychologist, you must first obtain a baccalaureate degree from an accredited college, as a prerequisite for admission to graduate school. Your graduate work may terminate with either a master's or a doctors of philosophy degree in psychology. The M.A. (master's) generally requires about two years for completion, while the Ph.D. involves four or five years of graduate study. A doctorate in clinical psychology generally includes a one or two year internship.

There are two broad areas of psychology where the majority of practitioners have masters degrees. These are: personnel work with industrial, commercial and other large corporations; and school psychology. Persons with master degrees are also found on the staffs of mental health institutions and community mental health centers.

PUBLIC HEALTH

The philosophy of public health is intertwined with that of all health care services. To help people stay well or to get well are the functions of the health professions. Public health concentrates on the stay well part: the prevention of illness and the promotion of good health practices.

In general, public health concerns all health care services which are directed toward the protection and promotion of the health of a community. For example, the sanitation of the environment including supervision of the food, water, and milk supplies of the community; the control of communicable diseases, the education of individuals in personal health; and the mobilization of medical and nursing services for the early diagnosis and treatment of disease are public health activities.

The U.S. Public Health Service is the federal government organization which carries out that government's assumed responsibilities for public health. One of its major resource units is the National Institutes of Health -- the largest center of health research in the world.

State health departments are the organization units which carry out state responsibilities that include the primary functions of planning, consulting, licensing and setting of standards.

The bulk of public health work is carried out at the local level by city, county, or district health departments, and allied organizations, such as voluntary health agencies, hospitals and other medical facilities, professional groups, and private foundations.

Here are some of the professional workers who can find careers available in public health work today on all levels - international, national, state and local:

Sanitarians and Engineers
Environmental Health Workers
Veterinarians
Statisticians
Public Health Nurses
Dentists
Physicians
Public Health Administrators
Social Workers
Health Educators
Laboratory Personnel (Bacteriologists, Virologist, Serologists, etc.)
Nutritionists
Therapists (Physical, Occupational, and Speech)
Behavioral Scientists (Socialogists, Social Psychologists, Anthropologists, Etc.)
Public Relations Directors

RADIOLOGICAL TECHNICIAN

The radiologic technologist, formerly called an x-ray technician, functions as an assistant to the radiologist. He or she works with patients and with x-ray machinery.

The radiologic technologist prepares and positions patients for x-ray examination, aids in administering to the patient chemical mixtures which make internal organs show up clearly on x-ray films, adjusts and operates the x-ray equipment, develops and prepares the radiographs for the radiologist's viewing, and keeps the films on file when they are not in use.

Preparation: the required training consists of two years of post-high school work at an approved school of radiologic technology. The two-year course involves a variety of classroom studies and work experience. An alternative to this program is a four-year college education with a degree in x-ray technology.

RECREATIONAL THERAPIST TECHNICIAN

Assists in planning, organizing, and directing recreation programs for patients in hospitals, similar institutions, and special community groups to effect improvement in their physical, mental, and social well-being:

Organizing and directing such activities as sports, dramatics, nature study, social activities games, and arts and crafts in accord with patients' needs, capabilities, and interests as determined by discussions with other members of the rehabilitation team and interviews with the patient.

Preparing reports for medical staffing and other members of treatment team reflecting patients' reactions and symptoms of patients' progress or regression.

Education: accredited training in recreation or recreation therapy preferred, with work in physical education, art, dramatics, or related subjects may qualify.

When educational requirements are met, no previous experience is necessary.

Short on the job training to become familiar with hospital facilities and regulations.

REGISTERED NURSE

Baccalaureate Program: this is the four-year collegiate program leading to a bachelor's degree. It serves the interests of students who want an extensive philosophical and scientific basis for nursing and want to be educated in the college or university setting.

The curriculum is about equally divided between nursing and liberal arts and sciences. Supervised nursing experience is provided in hospitals or other health care centers outside the college or university.

The graduate of a baccalaureate nursing program is prepared to make a nursing diagnosis, develop nursing care plans, give effective patient care, teach patients and their families and other personnel, and deal with a variety of problems which require sound decision-making. One receives preparation for working in school, industrial and public health settings as well as in hospitals and similar institutions.

Baccalaureate programs provide the foundation for a master's degree for one who wants to advance into clinical specialization, nursing education, or nursing administration or research.

Diploma Program: are usually of three academic years duration and are operated by hospitals under the leadership of a nursing faculty. Some of these schools contract with colleges or educational television to provide certain of the courses required in the program. The program will suit the student who wants to be educated in the hospital setting.

A graduate is qualified to give bedside nursing care, primarily in hospitals or similar institutions, serving as a member of the nursing team in planning individualized nursing care and sharing in responsibility for the patient's welfare.

Associate Degree Program: these two-year programs can be relatively new. They are located in junior colleges and are under the leadership of a nursing faculty. Study combines nursing theory and practice with general education courses in the liberal arts and sciences, and the student has the opportunity to participate in campus life while completing his education in a short period of time. He will hold an Associate of Arts degree upon completion of the course.

The graduate will be prepared to give bedside nursing care, primarily in hospitals or similar institutions, serving as a member of the nursing team in planning

individualized nursing care and sharing the responsibility for the patients's welfare.

A Licensed Practical Nurse works under the supervision of a registered nurse or physician giving nursing care to patients in situations that are relatively free of scientific complexity, and works very closely with a registered nurse in giving nursing care to patients in more complex situations.

An L.P.N. is well qualified in many aspects of giving bedside nursing care, but is not prepared to assume responsibility for fulfilling all facets of that care.

SOCIAL WORK

Medical facilities such as hospitals and clinics employ a social work staff to help patients and their families resolve and adjust to problems which are related to illness and hospitalization. This is ideally accomplished through a teamwork relationship with the medical staff, pastoral care, nursing service, physical and occupational therapy, and other hospital departments.

The social work staff functions in a liaison role between the hospital and community agencies to make their resources available to patients and their families.

Social workers endeavor to help the individual patient mobilize the resources within himself and his family to meet his own needs. When these are inadequate, the worker can help the patient secure assistance from the appropriate agency in the community.

Refer to Medical Social Work for more information.

Preparation: a well rounded program of study in the liberal arts, emphasizing the humanities and social services, is the first prerequisite for social work. Maximum advancement can be achieved through graduate study consisting of a two-year Master's degree program.

Currently at both the upper and lower division levels, field work experience is a criteria for attainment of a degree. The student can request placement in a medical setting, which can help to solidify his specific professional choice.

SPECIAL EDUCATION

Training in the field of education with emphasis on training retarded or handicapped students. This may include deaf or cripple children as well as minimally to severely retarded.

SPEECH & HEARING THERAPY

Examines, tests, diagnoses, and administers remedial treatments for patients with speech and hearing disorders.

Tests patients for hearing acuity by use of audiometer that registers intensity of sounds.

Makes phonetic analysis of speech ability by testing for articulation of all sounds in various positions occurring in pronunciation of words, vowels, and consonants. Measures flexing of throat and mouth muscles; observes action and condition of lips, teeth, tongue, hard and soft palates, and nassal cavities to determine efficiency of speech articulation. Determines need for referral to specialist in medicine, dentistry, education, psychology, sociology, and related areas.

Treats patients with remedial speech defects or disorders, such as stuttering and articulatory problems associated with such impairments as cleft palates, cerebral palsy, and aphasis, by use of corrective methods.

May teach lip reading and use of hearing aids to hard-of-hearing patients. May visit local schools to conduct speech therapy clinics and transmits findings on students to physicians and parents for remedial actions.

Education, Training, and Experience: Minimum training includes a bachelor's degree from a college offering specialized work in speech and/or hearing. Course emphasis should be in the physical and social sciences. Often the first 2 years' training can be obtained in a college offering basic courses, after which the student may transfer to a school where graduate training may be obtained.

Possession of a master's degree enable the individual to meet requirements for certification of the American Speech and Hearing Association.

SPEECH PATHOLOGIST & AUDIOLOGIST

Speech pathologists and audiologists treat those with disorders in the processes of communication. They help both children and adults in overcoming speech, language and hearing problems.

Some workers specialize in either speech disorders or hearing disorders, but speech and hearing are so closely related that professional competency requires familiarity with both. There are four areas in which one may become involved: clinical, teaching, research, and administration.

Clinical services include the evaluation of the speech and/or hearing impairment by a wide variety of diagnostic procedures, followed, when indicated, by a therapeutic program. The worker becomes involved with a patient, his family and other professional personnel.

Research includes those pursuits which seek to increase basic understanding of the processes of speech and hearing, to increase knowledge of the nature of disorders, and to develop improved methods for the evaluation and treatment of these disorders.

Teaching is the primary concern of members of college and university faculties.

Administration directs clinics or community agencies, or coordinates services in state, county, and city or school health departments.

Preparation: the basic requirements for entering the profession include the completion of work for a master's degree.

Pre-professional course work should provide a broad liberal arts background, including biology, anatomy, physiology, physics, general psychology, child and adolescent psychology, sociology, and anthropology.

SPEECH THERAPY

Examines and provides remedial services for patients with speech and language disorders.

Provides remedial services for speech disorders, including stuttering, voice disorders, and articulatory and speech problems associated with impairments, such as cleft palate, cerebral palsy, and aphasia. Instructs speech-handicapped patients in development of desirable speech habits by training in control of articulation and voice. Aids children in overcoming articulation difficulties, using toys, word games, and tape recordings. Devises vocal exercises to aid patients in overcoming stuttering and nasal, harsh, or hoarse tones. Teaches laryngectomees techniques of speaking with esophageal voice, using tape recordings. Teaches proper breath control to produce, improve, or conserve powers of speech.

Education, training, and experience: Master's degree in audiology and speech pathology with adequate course credits in speech and hearing to be certified by the American Speech and Hearing Association. This may include 4 years' supervised experience plus passing a written examination.

VISION CARE TECHNICIAN

Works in conjunction with the optician and optometrist in care of the eyes. Will assist either of the above in examining and treating any eye care problems.

X-RAY TECHNICIAN

Refer to Radiologic Technologist.

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available		Other
CERTIFIED LABORATORY ASSISTANTS											
Alexandria Tech School Alexandria, MN 56308	H.S. diploma	12 months	none	Cert.	36				no	no	
Hibbing Area Tech Institute Hibbing, MN 55746	H.S. diploma	12 months	none	Cert.	16				no	yes	
Medical Institute of Minnesota Minneapolis, MN 55400	H.S. diploma	18 months	$450 per quarter	Cert.	200				yes	no	
St. Paul Area Tech. Institute St. Paul, MN 55100	H.S. diploma	15 months	none	Cert.	60				no	no	
Bozeman Voc-Tech School Bozeman, MT 59715	H.S. diploma	12 months	$50	Cert.	6		Bozeman Deaconess*		no	no	
Presentation College Aberdeen, SD 57401	H.S. diploma	18 months	$950 per year	A.S. Cert.	12				no	yes	
St. Joseph's Hospital Mitchell, SD 57301	H.S. diploma	12 months	$175	Cert.	6				yes	no	
Lake Area Vocational School Watertown, SD 57201	H.S. diploma	12 months	$520	Cert.	5		St.Ann's*		no	no	
Area Voc. Tech. School Duluth, MN 55802	H.S. diploma	12 months		Cert.		40-44 hr. per week					

*Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
CYTOTECHNOLOGIST										
Univ. of N.D. School of Medicine Grand Forks, ND 58201	2 years college	6 months	None		4	6 months	Bismarck Hospital Fargo Clinic Abbott-Northwestern, Minneapolis Virginia Mason, Seattle Lab of Clinical Med Sioux Falls, S.D. Winnipeg General		no	yes

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
DENTAL ASSISTANT										
Anoka-Ramsey State Junior College Coon Rapids, MN 55433	H.S. diploma	18 months		Cert. or A.A.	15					
Normandale State Junior College Bloomington, MN 55431	H.S. diploma	10 months		Cert.						
N.D. State School of Science Wahpeton, ND 58075	H.S. diploma	9 months	Per year $354 res. $822 non-res.	Cert.	26					
Butte Business College 220 N. Alaska St. Butte, MT 59701										
Great Falls Vocational Technical Center 1015 1st Ave. North Great Falls, MT 59401	H.S. diploma	1 year		Cert.	22					
Lake Area Vocational Technical School Watertown, SD 57201	H.S. Diploma	12 months	per month $50.00	Cert.						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
DENTAL HYGIENIST										
Anoka-Ramsey State Jr. College Coon Rapids, MN 55433	H.S. diploma	18 months		Cert. or A.A.	15					
Normandale State Junior College Bloomington, MN 55431	H.S. diploma	18 months		Cert. or A.A.	26					
Rochester State Junior College Rochester, MN 55901	H.S. diploma	18 months		A.A.	20					
N. D. State School of Science Wahpeton, ND 58075	H.S. diploma	18 months	Per year $354 res. $822 non-res.	A.S.	28					
Carroll College Helena, MT 59601	H.S. diploma	3 years 4 years		A.D. B.A.						
University of S.D. Vermillion, SD 57069	H.S. diploma	2 years	$1421 res. $1933 non-res. (incl Rm, Brd & books)	A.D.						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
DIETETICS										
College of St. Benedict St. Joseph, MN 56374	H.S. diploma	4 years		B.A. B.S.		6-12 months				Dietitians must complete 3 years of supervisory work experience or a graduate program
College of St. Scholastica Duluth, MN 55800	H.S. diploma	4 years		B.A. B.S.		6-12 months				
Univ. of Minnesota St. Paul, MN 55100	H.S. diploma	4 years		B.A. B.S.		6-12 months	Univ. of Minnesota Hospitals*			
College of St. Catherine St. Paul, MN 55100	H.S. diploma	4 years		B.A. B.S.		6-12 months	St. Paul-Ramsey*			
College of St. Teresa Winona, MN 55987	H.S. diploma	4 years		B.A. B.S.		6-12 months				
Southwest Minnesota State College Marshall, MN 56258	H.S. diploma	4 years		B.A. B.S.		6-12 months				
Masters of Public Health School of Public Health Univ. of Minnesota Minneapolis, MN 55400	4 year degree	2 years		M.P.H.						
Masters of Nutrition College of Agric., Forestry & Home Econ. Univ. of Minnesota St. Paul, MN 55100	4 year degree	2 years		M.N.						

*Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
DIETETICS, contd.										
N. D. State Univ. Food & Nutrition Department Fargo, ND 58102	Graduate from accredited High School for Undergraduate programs. Graduate students: see Graduate Bulletin. Must have minimum of 24 credits in major field or appropriate background and 12 credits in minor field. Generally a "B" average or above in major.	2 years 4 years	Res.$145 Non-res. $388	Options available at undergraduate level: Associate of Arts-20 students in each option 1) Dietetic Technician a) Nutrition Care b) Food Administration 2) Community Nutrition Aide B. S. -unlimited numbers at present 1) General Dietetics 2) Therapeutic & Clinical Dietetics 3) Management 4) Community Nutrition Additional Curriculums-unlimited numbers at present Available 1) Food Service Management 2) Community Nutrition 3) Food & Nutrition Research 4) Nutrition Research 5) Food & Nutrition Communications 6) Foods in Business Graduate-level: Master of Science in Food and Nutrition 1) Clinical +/or Administrative Dietetics 2) Food Service Administration 3) Community Nutrition 4) College Teaching of Food and Nutrition 5) Research in Nutrition	12 - 15 students					Undergraduate students in the 4-year dietetics program are encouraged to seek summer experiences in hospitals, etc. Fifth year for training as dietitians must be in an approved internship. Two-year Associate of Arts degree students are required to have a supervised summer practicum.
		1 year								
Univ. of N.D. Home Econom. Dept. Grand Forks, ND 58202	UND Standard College Requirements	4 years		B.S. in Home Economics	Unlimited		Grand Forks Clinic, United Hospitals, and the University Food Services			

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
DIETETICS, contd.										
Montana State Univ. Bozeman, MT 59715			Per year $500-$800							
Univ. of Montana Missoula, MT 59801			Per year $500-$800							
S. D. State Univ. Brookings, SD 57006		4 years	Approx. $712 per year	B.S.- Dietetics						1 year internship

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
DIETARY TECHNICIAN										
Lakewood State Junior College White Bear Lake, MN 55110	H.S. diploma	18 months		OTHR *	20					
Presentation College Aberdeen, SD 57401		2 years	Per year $950	A. Sc.						
ENVIRONMENTAL SCIENCE TECHNICIAN										
Willmar State Junior College Willmar, MN 56201	H.S. diploma	21 months		C.A.A.S.	15					
FOOD AND DIETARY SERVICES										
Presentation College Aberdeen, SD 57401	H.S. diploma				Approx. 35					
ENVIRONMENTAL HEALTH										
Montana State Univ. Bozeman, MT 59715	H.S. Diploma	4 years	Per year $500-800	B.S.						

* other award

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
FOOD SERVICE SUPERVISION PROGRAM										
Area Voc. Training School Alexandria, MN 56308	H.S. diploma	1 year								
St. Paul Tech. Vocational Institute St. Paul, MN 55100	H.S. diploma	1 year								
MN Depart. of Health Nutrition Unit Minneapolis, MN 55400	H.S. diploma	1 year								
EXECUTIVE HOUSEKEEPING										
N.D. State Univ. Fargo, ND 58102	H.S. diploma	2 years	Res.$145 Non-res. $388	Associate Degree	Unlimited					Clinical experience or apprenticeship is part of this training.
	H.S. diploma	4 years	Res.$145 Non-res. $388	B.S.	Unlimited					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
HEALTH CARE ADMINISTRATOR (Nursing Home and Hospital)										
Hospital and Health Care Administrators 1260 Mayo Hospital Univ. of Minnesota Minneapolis, MN 55455	H.S. diploma	4 years 2 years	Per year $700 res. $1400 non-res.	B.A. Masters						
Concordia College Moorhead, MN 56560	H.S. diploma	4 years	Per year $2800	B.A.						
Presentation College Aberdeen, SD 57401		2 years	Per year $950	A. Sc.						
PUBLIC HEALTH										
School of Public Health Univ. of Minnesota Minneapolis, MN 55455	H.S. diploma B.A.	4 years 2 years	Per year $700 res. $1400 non-res.	B.A. Masters						15 speciality programs offered—i.e., environmental, nursing, nutrition, veterinary, hygiene
S. D. State Univ. Brookings, SD 57006	H.S. diploma	4 years	Per year $712	B.S. Public Health Science						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
LICENSED PRACTICAL NURSE										
Worthington State Jr. College Worthington, MN 56187	H.S. diploma	11 months		Cert.	15					
Fergus Falls State Jr. College Fergus Falls, MN 56537	H.S. diploma	11 months		Cert.	40					
Itasca State Junior College Grand Rapids, MN 55744	H.S. diploma	11 months		Cert.	35					
Rainy River State Junior College International Falls MN 56649	H.S. diploma	12 months		Cert.	15					
N.D. State School of Science Wahpeton, ND 58075	H.S. diploma	12 months	Per year $354 res. $822 non-res.	Cert.	230					
Lake Region Junior College Devils Lake, ND 58301	H.S. diploma	12 months	Per year $135 res. $250 non-res.	Cert.	25 in each class					
Univ. of N. D. Williston Center Williston, ND 58801	H.S. diploma	11 months	$198 per semester	Cert.	30					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
LICENSED PRACTICAL NURSE, contd.										
Rochester School of Practical Nursing St. Mary's Hospital 1216 2nd Street, S.W. Rochester, MN 55901	H.S. diploma	11-12 months		Cert.						
Billings Vocational-Technical Center 101 10th Street West Billings, MT 59102	H.S. diploma	12-15 months		Cert.						
Bozeman Vocational-Technical Center 404 West Main Bozeman, MT 59715	H.S. diploma	12-15 months		Cert.						
Butte Vocational-Technical Center 404 South Wyoming Butte, MT 59701	H.S. diploma	12-15 months		Cert.						
Great Falls Vocational-Technical Center P. O. Box 2669 Great Falls, MT 59403	H.S. diploma	12-15 months		Cert.						
Vocational Technical Division Northern Montana College Havre, MT 59501	H.S. diploma	12-15 months		Cert.						
Helena Vocational-Technical School 1115 Roberts Helena, MT 59601	H.S. diploma	12-15 months		Cert.						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
LICENSED PRACTICAL NURSE, contd.										
Missoula Technical Center 909 South Avenue West Missoula, MT 59801	H.S. diploma	12-15 months		Cert.						
Flathead Valley Community College P. O. Box 1174 Kalispell, MT 59901	H.S. diploma	12-15 months		Cert.						
Black Hills Area Voc-Tech School Rapid City, SD 57701		12 months	$600	Certificate						
Lake Area Voc-Tech School Watertown, SD 57201		12 months	$600	Certificate						
Mitchell Area Voc-Tech School Mitchell, SD 57301		12 months	$600	Certificate						
Pierre School of Licensed Practical Nursing Pierre, SD 57501		12 months	$600	Certificate						
South East Area Voc-Tech School Sioux Falls, SD 57101		12 months	$600	Certificate						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL OFFICE ASSISTANT										
Itasca State Junior College Grand Rapids, MN 55744	H.S. diploma	11 months		Cert.	30					
Normandale State Junior College Bloomington, MN 55431	H.S. diploma	18 months		Cert. or A.A.	24					
Turtle Mountain School of Para-Medical Technique Bottineau, ND 58318	H.S. diploma	12 months	Per quarter $275 res. $397 non-res.	Associate Degree						10 weeks clinical
Lake Area Voc-Tech School Watertown, SD 57201	H.S. diploma	12 months	$120 Per quarter	Diploma						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL RECORD ADMIN										
College of St. Scholastica Duluth, MN 55800	H.S. diploma	36 months	$380 per quarter	B.A.			Johns Hopkins, Baltimore, MD Univ. of Illinois, Chicago Detroit General St. Mary's* Univ. of Kansas Medical Center, Kansas City Univ. of Minn. Hospitals, Minneapolis Hennepin County General, Minneapolis		no	yes
Carroll College Helena, MT 59601	H.S. diploma	4 years	Per semester $600	B.A.						

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL RECORD TECHNICIAN										
St. Mary's Junior College Minneapolis, MN 55406	H.S. diploma	21 months		A.A.S.	40		Metro Medical Center* Univ.of Minn. Hospitals* St. Mary's* Abbott-Northwestern*			
Anoka-Ramsey State Junior College Coon Rapids, MN 55433	H.S. diploma	21 months		Cert. or A.A.	15					
Turtle Mountain School of Para-Medical Technique Bottineau, ND 58318 (NDSU Bottineau)	H.S. diploma	21 months	Per quarter $275 res. $397 non-res.	Associate Degree						11 weeks clinical experience

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL SECRETARY										
Anoka-Ramsey State Jr.College Coon Rapids,MN 55433	H.S. diploma	18 months		Cert. or A.A.	15					
Hibbing State Jr. College Hibbing, MN 55746	H.S. diploma	18 months		A.A.	10					
Normandale State Jr.College Bloomington, MN 55431	H.S. diploma	18 months		A.A.	24					
Presentation College Aberdeen, SD 57401	H.S. diploma	18 months	$950	Cert. or A.S.	24					
Aaker's Business College Grand Forks,ND 58201	H.S. or 18 yrs.old	48 weeks	$78 per mo. $41 dorm.rm. with cooking facilities	Diploma	40					All academic
Bismarck Junior College Bismarck,ND 58501	H.S. (See catalog)	2 years	Per sem. Bismarck res.$110; N.D.res $200; non-res $275	A.A.S.and Med.Sec. Certificate	Unlimited					On job training 25% of time

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL SECRETARY, contd.										
N.D. State School of Science Wahpeton, ND 58075	H.S. diploma	2 years	Per year $354 res. $822 non-res.	A.A.S.	Unlimited					All academic
		Less than 2 years	$188 per quarter	Cert. or diploma						
Dickinson State College Dickinson, ND 58601	H.S. diploma	2 years	Per quarter $135 res. $284 non-res.	Associate Degree						
Turtle Mountain School of Para-Medical Technique Bottineau, ND 58318 (NDSU-Bottineau)	H.S. diploma	21 months	Per quarter $275 res. $397 non-res.	Associate Degree						10 weeks clinical experience
Billings Business College Billings, MT 59102										
Billings Voc.-Tech. Billings, MT 59102										
Butte Business College Butte, MT 59701										
Butte Voc.-Tech. Center Butte, MT 59701										
Great Falls Commercial College Great Falls, MT 59401										
Great Falls Voc.-Tech. Center Great Falls, MT 59401		2 years		Cert.						
Miles Community College Miles City, MT 59301		2 years								

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL SECRETARY, contd.										
Missoula Technical Center Missoula, MT 59801										
Northern Montana College Havre, MT 59501		2 years	Per year $400	A.D.						
National College of Business Rapid City, SD 57701		6 quarters	Per quarter $350	A. Sc.						
Nettleton Commercial College Sioux Falls, SD 57101		12 months	Varies with program	Certificate						
Northwest College of Commerce Huron, SD 57350		4 quarters	$1500	Certificate						
Watertown Business Univ. Watertown, SD 57201		60 weeks	Per quarter $950	Certificate						
MEDICAL STENOGRAPHER										
Aakers Business College Grand Forks, ND 58201	H.S. diploma	36 weeks	Per month $78 $41 dorm. room with cooking facilities							

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDEX										
Univ. of N.D. School of Medicine Grand Forks, ND 58201	H.S. diploma	15 months	None	Cert.	20	80%				Applications to MEDEX Communications Center 444 N.E. Ravenna Blvd., Seattle, WA 98115
MEDICAL SCHOOL										
Univ. of N.D. School of Medicine Grand Forks, ND 58201	3 years or 90 hours College See Catalog	2 years	Per year $486 res. $1214 non-res.	B.S. medicine M.D. conferred after 4th year		20%				Must transfer to complete medical education
College of Medical Sciences 1360 Mayo Univ. of Minnesota Minneapolis, MN 55455	3-4 year pre med and MCAT	4 years		M.D.			University of Minnesota Hospitals			
Mayo Clinic Rochester, MN 55901	3-4 year pre med and MCAT	4 years		M.D.			University of Minnesota			
School of Medicine Univ. of Minnesota Duluth, MN 55800	3-4 year pre med and MCAT	4 years	Per quarter $262 res. $593 non-res.	M.D. (Ph.D. also available)			University of Minnesota			
Medical School Univ. of Minnesota Minneapolis, MN 55400	B.A. or B.S.	4 years	Per quarter $262 res. $593 non-res.	M.D. (Ph.D. also available)		Internship and residency	University of Minnesota Hospitals			
School of Medicine Univ. of S.D. Vermillion, SD 57069		2 years	Per year $1421 res. $1933 non-res.	B.S.-Medicine (M.D. degree conferred by transfer school)						

MEDICAL TECHNOLOGY

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available		Other
Jamestown College Jamestown, ND 58401	H.S. diploma					12 months 12 months	Trinity-Minot St. Luke's-Fargo*	16 22	no no	no no	
Mary College Apple Creek Road Bismarck, ND 58501	H.S. diploma	96 sem. hours	Per year $1010 Per course $115	Registered Med.Tech.	25-30	12 months	St. Alexius*	10	yes	no	Required to take National Registry Exam
Minot State College Minot, ND 58701	H.S. diploma	3 years	$105 per quarter Per hour $28.50	B.S.	Unlimited	1 year	Trinity* St. Joseph's*	16 10	yes no	no no	
N.D. State Univ. Dept. of Zoology Fargo, ND 58102	H.S. Diploma	3 years	per qtr. $145 res. $388 non-res.		Unlimited	12 months 12 months 12 months 12 months 12 months	St. Alexius, Bis. St. Luke's* St. Joseph's, Minot Trinity, Minot Abbott - Northwestern, Mpls.	10 22 10 16 8	yes no yes no no	no no no no no	
Univ. of N.D. Grand Forks, ND 58201	H.S. diploma	3 years	Per year $360	B.S.	40 Fresh. 12 Seniors	12 months	St. Paul Ramsey St. Paul	15	yes	no	
Turtle Mountain School of Para-Medical Technique, Bottineau, ND 58318 (NDSU Bottineau)	H.S. diploma ACT	21 months	Per quarter $275 res. $397 non-res.	Assoc. Deg.	40	10 weeks	St. Andrew's*				
Dickinson State Dickinson, ND 58601	H.S. diploma	4 years	Per quarter $135 res. $314 non-res.	B.A.	Unlimited	12 months					
Mayville State Mayville, ND 58257	H.S. diploma	1 year	Per quarter $128 res. $248 non-res.	Pre professional program Transfer to complete	Unlimited						

*Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL TECHNOLOGY, contd.										
N.D. State School of Science Wahpeton, ND 58075	H.S. diploma	2 years	Per year $354 res. $822 non-res.	Transfer for 3 & 4 yr.	Unlimited	12 months				
Bismarck Junior College Bismarck, ND 58501	H.S. diploma	2 years	Per semester $110 local $200 res. $275 non-res.	Transfer for 3 & 4 yr.	Unlimited	1 year				
Univ. of N.D. Williston Center Williston, ND 58801	H.S. diploma	2 years	Per semester $198	Transfer for 3 & 4 yr.	Unlimited					
Lake Region Junior College Devils Lake, ND 58301	H.S. diploma	2 years	Per semester $135 res. $250 non-res.	Transfer for 3 & 4 yr.	Unlimited					
College of St. Scholastica Duluth, MN 55800	H.S. diploma	38 months	Per quarter $380	B.A.	15		St. Mary's*	15	no	yes
Mankato State Mankato, MN 56001	H.S. diploma	3 years		B.A.		12 months	St. Paul Ramsey, St. Paul	15	yes	no
						12 months	St. Luke's, Duluth	15		
						12 months	Abbott-Northwestern, Mpls.	8	no	no
						12 months	Charles T. Miller Hospital, St. Paul	12	no	no
						12 months	St. Joseph's, St. Paul	12	no	no
						12 months	Immanual, St. Joseph's*			
Univ. of Minnesota Minneapolis, MN 55415	90 quarter credits 180 grade-points	2 years	Per year $1400	B.A.		12 months	St. Luke's, Duluth		yes	yes
				B.S.		12 months	Abbott-Northwestern*	8	no	no
							Univ. of Min. Hospitals*			
Winona State Winona, MN 55987	H.S. diploma	3 years		B.A.		12 months	St. Luke's, Duluth		yes	yes
				B.S.		12 months	Abbott-Northwestern, Mpls.	8	no	no
						12 months	Metropolitan Med. Center, Mpls.	12	no	no
						12 months	Charles T. Miller Hospital, St. Paul	12	no	no

*Local

MEDICAL TECHNOLOGY, contd.

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available		Other
Hamline University St. Paul, MN 55100	H.S. diploma	3 years		B.A.		12 months	St. Paul Ramsey*	15	yes	no	
St. Cloud State College St. Cloud, MN 56301	H.S. diploma	3 years		B.S.		12 months 12 months	St. Cloud Hosp.* St. Joseph's, St. Paul	12 12	yes no	no no	
College of St. Benedict St. Joseph, MN 56374	H.S. diploma	3 years		B.S.		12 months	St. Cloud Hosp. St. Cloud	12	yes	no	
Bethel College St. Paul, MN 55100	H.S. diploma	3 years		B.A. B.S.		12 months	Midway Hosp.*	6	yes	no	
Bemidji State College Bemidji, MN 56601	H.S. diploma	3 years		B.S.		12 months	St. Joseph's St. Paul	12	no	no	
St. Mary's Jr. College Minneapolis, MN 55406	H.S. diploma	21 months		A.A.S.	30						
Concordia College Moorhead, MN 56560	H.S. diploma	4 years	Per year $2800	B.A.			St. Luke's Fargo				
Fergus Falls State Jr. College, Fergus Falls, MN 56537	H.S. diploma	21 months		Cert. or A.A.	6						
Rainy River State Jr. College International Falls, MN 56649	H.S. diploma	12 months		Cert.	15						
Rochester State Jr. College Rochester, MN 55901	H.S. diploma	18 months		A.A.	20						

*Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship	Other
MEDICAL TECHNOLOGY, contd.										
S.D. State Univ. Brookings, SD 57006	H.S. diploma	3 years	Per year $1712	B.A.		12 months	St. Paul Ramsey St. Paul	15	yes	no
Presentation College Aberdeen, SD 57401	H.S. diploma	20 months		Cert. or A.S.		6				
Univ. of S.D. Vermillion, SD 57069	H.S. diploma	3 years	Per year $1421 res. $1933 non-res.	B.A. B.S.		12 months	St. Paul Ramsey St. Paul	15	yes	no

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MENTAL HEALTH ASSISTANT										
Corbett College Crookston, MN 56716	H.S. diploma	18 months		Cert. or A.A.	20					
Metropolitan State Junior College Minneapolis, MN 55403	H.S. diploma	18 months		A.A.S.	53					
Willmar State Junior College Willmar, MN 56201	H.S. diploma	21 months		A.S.	25					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
NURSE ANESTHETIST										
Central N.D. School of Anesthesia St. Alexius Hospital Bismarck, ND 58501	R.N. transcript	2 years	None $40 book fee		2 per yr.	2/3	St. Alexius*		Stipend $225 per month	
St. Joseph's School of Anesthesia St. Joseph's Hospital Minot, ND 58701	R.N. Min. 3 year program	18 months	$15 & books for first 6 mos. Thereafter a stipend	Cert.	2	60-70%	St. Joseph's*		Stipend	
School of Anesthesia St. Luke's Hospital Fargo, ND 58102	L.P.N.	18 months	$75 registration	Member in American Assoc. of Nurse Anesthesists	3 every 6 months	80%	St. Luke's*			
Trinity Hosp. School of Anesthesia Trinity Hospital Minot, ND 58701	R.N. 3 years minimum	18 months	None	Cert.	4	50%	Trinity Hospital*			
Grand Forks School of Anesthesia United Hospital Grand Forks, ND 58201	R.N.	18 months	None	Cert.	4 per year	70%	United Hospital*			
Mount Marty College Yankton, SD 57078	H. S. Diploma	4 years	per year $2000	B.S.						
McKennan Hospital Sioux Falls, SD 57071	H. S. Diploma	24 months		Cert.					Stipend-$200 $250-2nd year	

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
FAMILY HEALTH PRACTITIONER										
Montana State Univ. Bozeman, MT 59715	R.N.	9 months: 1 qtr. Bozeman; 1 in Great Falls; 1 in own community	Paid by MSU	Cert.	15-20					
NURSE PRACTITIONER										
Univ. of North Dakota Grand Forks, ND 58201	R.N.	9 months	Paid by grant	Cert.	8-10					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
NURSES AIDE, ORDERLY AND WARD CLERK (Employees only)										
Bismarck Hospital Box 640 Bismarck, ND 58501	H.S. diploma or equivalent exam	2 weeks	$10	Certificate	According to need	10%	Bismarck Hospital			Nurse aide and orderly - offered as needed
Community Hospital Stanley, ND 58748	H.S. diploma	80 hours	None	Certificate	12	20%				Nurse aide
Garrison Memorial Hospital Garrison, ND 58540			None		As needed	Mostly on the job				Nurse aide, orderly, ward clerk - offered as required
Mandan Hospital Mandan, ND 58554	GATB aptitude test 2 references and interview	80 hours	$15	Certificate	15	15%				Nurse aide and orderly
Mercy Hospital Valley City, ND 58072	H.S. Jr. minimum Ages 17-45	3 weeks	$10	Certificate	6-12	48%				Nurse aide, orderly, ward clerk - usually evening classes
Pembina County Memorial Hospital Cavalier, ND 58220		5 days		Certificate	6-8	20%				Nurse aide
St. Andrews Hospital Bottineau, ND 58318	H.S. diploma	2 weeks	None		As needed					Nurse aide
St. Joseph's Hospital Dickinson, ND 58601	Employment pre-testing	112 hours		Certificate	20	20%				Nurse aide
St. Joseph's Hospital Minot, ND 58701	H.S. diploma or aptitude test	6 weeks		Certificate	12	30%			Yes	Nurse aide, orderly, ward clerk
St. Luke's Hospital Fargo, ND 58102	H.S. diploma	2 weeks			15 once a month	50%				Nurse aide, orderly, ward clerk
Union Hospital Mayville, ND 58257					Employees as needed					Nurse aide

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
NURSES AIDE, ORDERLY AND WARD CLERK (Open to any student)										
Bismarck Junior College Bismarck, ND 58501	None	8 weeks	None	Certificate of completion	20	50%				Nurse aide
Fargo Adult Education Fargo Public Schools Fargo, ND 58102	H.S. diploma	8 weeks	$15		20	5%				Aides and orderlies
Good Samaritan Hosp. Rugby, ND 58368	H.S. diploma	2 weeks	None	Certificate of completion	15					Aide, orderly, and clerk. The hospital employee must take course or have previous experience offered as needed
Lake Region Jr. College Area Voc. Tech. School Devils Lake, ND 58301	None	5 weeks	None	Certificate of completion	12	30%				Nurse aide
Dickinson Area Voc. High School Dickinson, ND 58601	H.S. student	180 class hours	None	Certificate of completion	varies	Over 20 hours	St. Joseph's*			Vocational training in local high school program
Southeast Area Voc-Tech School Sioux Falls, SD 57101	H.S. diploma	6 weeks	$35	Certificate						
Williston School District #1 Williston, ND 58801	H.S. student	1 semester	none							Local institutions employ some students Two courses - Health Occupations, Ward Clerk training

*Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
OCCUPATIONAL THERAPY										
Univ. of N.D. Grand Forks, ND 58201	2 years college	8 sem. 6 months affiliation	Per year $446 res.	B.S.	30 junior level	6 months			no	no
Univ. of Minn. Minneapolis, MN 55415	Univ. req.	45 months	$182 per quarter	B.S.	24	△			yes	yes
College of St. Catherine St. Paul, MN 55100	College req.	45 months	$1700	Cert.	30	△			yes	yes
Mary College Bismarck, ND 58501	H.S. diploma	2 years	$1010 per year	Transfer	Unlimited					
Dickinson State College Dickinson, ND 58601	H.S. diploma	1 - 2 yr.	Per quarter $135 res. $314 non-res.	Pre-prof. Transfer	Unlimited					
Univ. of N. D. Williston Center Williston, ND 58801	H.S. diploma	1 year	$198 per semester	Transfer	Unlimited					

△ Included in length of program

OCCUPATIONAL THERAPY ASSISTANT

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
N.D. State School of Science Wahpeton, ND 58075	ACT H.S. diploma	18 months	$1250 per year includes rm. & board $118 per quarter	A.S.	28					
Anoka-Ramsey State Jr. College Coon Rapids, MN 55433	H.S. diploma	18 months		Cert. A.A.	20					
St. Mary's Jr. College Minneapolis, MN 55406	H.S. diploma	21 months		A.A.S.						

School	Academic Entrance requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
ORTHOPEDIC PHYSICIAN'S ASSISTANTS										
Bismarck Junior College Bismarck, ND 58501	H.S. diploma	24 months	Per year $400 res. $550 non-res.	A.A.S.	8				no	no
Normandale State Junior College Bloomington, MN 55431	H.S. diploma	18 months		Cert. or A.A.	7					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PHARMACY										
Bismarck Jr. College Bismarck, ND 58501	H.S. diploma	1 year	Per sem. Bis. res. $110 N.D. res. $200 Non-res. $275	Transfer to complete	varies					
Dickinson State College Dickinson, ND 58601	H.S. diploma	2 years	Per qtr. $135 res. $284 non-res.	Transfer to complete						
Univ. of North Dakota Grand Forks, ND 58201	G.P.A. 2.75 Last 2 years of Bachelor's work		Per sem. $228 res. $532 non-res.	M.S. Doctor of Philosophy						
Augustana College Sioux Falls, SD 57102	H.S. diploma	2 years	Per year $2200	Transfer to complete						
N. D. State Univ. Fargo, ND 58102	H.S. diploma	5 years	Per qtr. $145 res. $388 non-res.	B.S.		1 year	Retail pharmacy			Affiliated under supervision of registered pharmacist
College of Pharmacy 115 Appleby Hall Univ. of Minnesota Minneapolis, MN 55455	H.S. diploma	5 years	Per year	B.S.		1 year				
Univ. of Montana Missoula, MT 59801		5 years	Per year $500-$800	B.S.						
S.D. State Univ. Brookings, SD 57006		5 years	$712 per academic year	B.S.-Pharmacy						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PHYSICAL THERAPY (Pre-Professional) The three options are available at all four schools.										
Augustana College Sioux Falls, SD 57102		Option 1-Complete Bachelor's Degree; transfer to approved school of therapy to earn certificate in physical therapy		Option 1-B.S.						Tuition is $2115 per year
Black Hills State College Spearfish, SD 57783										Tuition is $950 per year
S. D. State Univ. Brookings, SD 57006		Option 2-Complete 3 years and earn a certificate from an approved school of physical therapy.								Tuition is $712 per year
Univ. of S.D. Vermillion, SD 57069										Tuition is $1421 res. $1933 non-res. Per year
		Option 3-Complete 2 years and transfer to another institution of higher education which grants a degree in physical therapy		Option 3-None						
Mary College Bismarck, ND 58501	H.S. diploma	2 years	$1010 per year			Transfer unlimited				
Dickinson State Dickinson, ND 58601	H.S. diploma	1 - 2 yrs.	Per quarter $135 res. $314 non-res.			Transfer unlimited Pre-professional				
Univ. of N. D. Williston Center Williston, ND 58801	H.S. diploma	2 years	$198 per semester			Transfer unlimited				

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available		Other
PHYSICAL THERAPY (2 year specializing program)											
School of Medicine Univ. of N.D. Grand Forks, ND 58201	2 year pre-physical therapy completion and GPA	2 years	Per year $446 res. $495 non-res.	B.S.	16 - 20	3 semesters didactic 1 semester			no	no	
Univ. of Minnesota Minneapolis, MN 55415	2 years college	20 months	$546 res. $1263 non-res.	B.S.	50				no	yes	
Rochester Mayo Foundation Rochester, MN 55901	3 years college	24 months	none	Cert.	40				yes	no	
Augustana College Sioux Falls, SD 57102	H.S. diploma	2-4 years	Per year $2200		Pre-professional Transfer to complete						
Concordia College Moorhead, MN 56560	H.S. diploma	2 years	Per year $2800		Transfer to complete						

(1) Information not available

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PRE-CHIROPRACTIC										
Dickinson State College Dickinson, ND 58601	H.S. diploma	3 - 4 yr.	Per quarter $135 res. $284 non-res.	Transfer to complete						
N.D. State Univ. Fargo, ND 58102	H.S. diploma	3 - 4 yr.	Per quarter $145 res. $388 non-res.	Transfer to complete						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PRE-DENTAL										
N.D. State School of Science Wahpeton, ND 58075	H.S. diploma	2 years	Per year $354 res. $822 non-res.	A.S. or A.A.						Pre-professional required for entry to 4 yr. programs for doctor of dental surgery (D.D.S.)
Augustana College Sioux Falls, SD 57102	H.S. diploma	4 years	$1900 per year	B.S. if desired						B.S. usually required before entrance to dental school
Univ. of N.D. Grand Forks, ND 58201	H.S. diploma	2 years	Per year $446 res. $1063 non-res.	Transfer to complete						
N.D. State Univ. Fargo, ND 58102	H.S. diploma	3-4 years	Per quarter $145 res. $388 non-res.	Bachelors or transfer to complete						Recommend 4-year degree
St. Olaf College Northfield, MN 55057	H.S. diploma	4 years	Per year $3400 includes room and board	B.S.						Transfer for dental school
DENTAL SCHOOL										
School of Dentistry Univ. of Minnesota Minneapolis, MN 55400	90 semester credits in liberal arts college	3 years and internship	Per quarter $315 res. $726 non-res.	D.D.S. M.S.D. Ph.D.			University Student health			

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PRE MEDICAL SCHOOL										
N.D. State School of Science Wahpeton, ND 58075	H.S. diploma	2 years	Per year $354 res. $822 non-res.	A.A. or A.S.						3 or 4 years of college normally required for entry to Med. School
Augustana College Sioux Falls, SD 57102	H.S. diploma	4 years	$1900 per year	B.A. B.S.						Degree usually needed for medical school acceptance
N.D. State Univ. Fargo, ND 58102	H.S. diploma	3 year	Per quarter $145 res. $388 non-res.	Transfer to complete						Pre-osteopathy
St. Olaf College Northfield, MN 55057	H.S. diploma	4 years	Per year $3400 includes room and board	B.S.						Pre-professional transfer for medical school
Univ. of N.D. Grand Forks, ND 58202	H.S. diploma	4 years	Per semester $223 res. $532 non-res.	B.S.						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PRE MORTUARY										
N.D. State Univ. Fargo, ND 58102	H.S. diploma	3-4 years	Per quarter $145 res. $388 non-res.	Bachelors or transfer to complete						
Univ. of N.D. Grand Forks, ND 58201	H.S. diploma	2 years	Per year $446 res. $1063 non-res.	Transfer to complete						
MORTUARY SCIENCE										
Dept. of Mortuary Science Vincent Hall Univ. of Minnesota Minneapolis, MN 55400	2-year college	2 years	Per year approximately $700 res. $1400 non-res.	B.S.						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PRE NURSING										
N.D. State School of Science Wahpeton, ND 58075	H.S. diploma	1 year	Per year $354 res. $822 non-res.	Transfer to complete						First of 4-year program-transfer to complete
Bismarck Junior College Bismarck, ND 58501	H.S. diploma	1-2 years	Per semester $110 Bismarck res. $200 N.D. res. $275 non-res.	Transfer to complete						Fills most requirements for B.S. in nursing from UND

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PRE OPTOMETRY										
Univ. of N.D. Grand Forks, ND 58201	H.S. diploma	2 years	Per year $446 res. $1063 non-res.	Transfer to complete						
N.D. State Univ. Fargo, ND 58102	H.S. diploma	3 - 4 years	Per quarter $145 res. $388 non-res.	Bachelor's or transfer to complete						Must transfer for optemetric experience
OPTICIAN										
Anoka-Ramsey State Junior College Coon Rapids, MN 55433	H.S. diploma	18		Cert. or A.A.	20					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PRE-VETERINARIAN MEDICINE										
Carroll College Helena, MT 59601	H.S. diploma	2-3 years	Per sem. $600							
Montana State Univ. Bozeman, MT 59715	H.S. diploma	2-3 years	Per year $500-$800							
Northern Montana College Havre, MT 59501	H.S. diploma	2 years	Per year $400							

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
PHYSICAL THERAPY ASSISTANT										
St. Mary's Jr. College Minneapolis, MN 55406	H.S. diploma	21 months		A.A.S.	36					
PSYCHOLOGY										
U of Minnesota Admissions & Records Morrill Hall Minneapolis, MN 55455	H.S. Diploma	4 years	per year (approximate) $1400	B.A. Graduate level offered						
St. Olaf College Northfield, MN 55057	H.S. diploma	4 years	Per year $3400 Includes room and board	B.A. B.S.						
Jamestown College Jamestown, ND 58401	H.S. diploma ACT or SAT	4 years	Per year $1600	B.A.	Unlimited	20%				Independent study in clinical setting
Dept. of Psychology Univ. of N.D. Grand Forks, ND 58201	H.S. diploma	4 years	Per semester $223 res. $524 non-res.	B.A.	Varies					
	B.A. B+ average	Approx. 5 years		Masters Ph.D.	10 Ph.D. each year	25%				1 year internship required
Bismarck Jr. College Bismarck, ND 58501	H.S. diploma	2 years	Per semester Bis. res.- $110 N.D. res.- $200 Non-res. $275	Transfer for degree	Unlimited					
Augustana College Sioux Falls, SD 57102	H.S. diploma	4 years	Per year $2200	B.A. B.S.						
Concordia College Moorhead, MN 56560	H.S. diploma	4 years	Per year $2800	B.A. B.S.						

RADIOLOGIC TECHNOLOGISTS

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
Univ. of Minnesota Minneapolis, MN 55415	H.S. diploma	24 months	Affiliation: $200		6		Naeve Hosp., Albert Lea		yes	no
			Univ.Tuition	Cert.	9		St.Olaf,Austin		yes	no
			$100		6		St.Francis, Breckenridge		yes	no
			None		4		St.Mary's, Detroit Lakes		yes	no
			None	Cert.	4		Itasca Memorial, Grand Rapids		yes	no
			None	Cert.	10		Hibbing General, Hibbing		yes	no
			None	Cert.	5		Meeker County Memorial, Litchfield		yes	no
			Univ.Tuition	Cert.	8		Abbott*		yes	no
			Affiliation: $175		6		Eitel*		yes	no
			$200	Cert.	18		Fairview*		yes	no
			$450	Cert.	50		Hennepin Co.General*		no	no
			$215	Cert.	10		Lutheran Deaconess*		yes	no
			$275	Cert.	30		Metro Med.Center*		yes	yes
			Univ.Tuition	Cert.	12		Mt.Sinai*		yes	no
			None		20		North Memorial*		yes	no
			Affiliation: $175	Cert.	18		St.Barnabas*		yes	yes

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
RADIOLOGIC TECHNOLOGISTS, cont.										
Univ. of Minnesota Minneapolis, MN 55414 (Cont.)	H.S. diploma	24 months	Univ.Tuition		40		Univ.of Minn. Hospitals*		yes no	
			None	Cert.	20		Veterans Adm.*		yes no	
			None	Cert.	11		Bethesda Lutheran[1]		yes no	
			Affiliation:	Cert.			Methodist Hospital*			
			$175	Cert.	13		Midway Mounds Park[1]		yes no	
			$100	Cert.	12		St. John's[1]		no no	
			None	Cert.	4		Northwestern Hosp., Thief River Falls		yes no	
			None	Cert.	5		Rice Memorial, Willmar		yes no	
			None		10		Virginia Municipal Virginia, MN		yes no	
			Univ.Tuition	Cert.	12		United Hospital-Deaconess,Gr.Fks.		yes no	
			Affiliation: $20	Cert.	4		United Hospital-St.Michael's, Gr.Fks.		yes no	
			Univ.Tuition	Cert.	7		St.Joseph's,Minot		yes no	
				Cert.			Charles T. Miller [1]			
Moorhead State College Moorhead,MN 56560	H.S. diploma	24 months	None		10		St.Luke's*		yes no	
			$100		6		St.Francis, Breckenridge		yes no	
			Affiliation: None		4		St.Mary's, Detroit Lakes		yes no	
			$75	Cert.	6		Lake Region, Fergus Falls		yes no	
			Affiliation: College		8		St. Ansgar's*		yes yes	

* Local
[1] St.Paul

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available		Other
RADIOLOGIC TECHNOLOGISTS, cont.											
Columbus Hospital Great Falls, MT 59401	H.S. diploma	24 months	$430	Cert.	12				yes	yes	
Montana Deaconess Great Falls, MT 59401	H.S. diploma	24 months	None		6				yes	no	
St. Patrick's Hospital Missoula, MT 59801	H.S. diploma	24 months	$200	Cert.	10				yes	no	
Mary College Bismarck, ND 58501	H.S. diploma	24 months	$100 Affiliation	Cert.	12		St. Alexius*		yes	no	
Quain & Ramstad Clinic Bismarck, ND 58501	H.S. diploma	24 months	$175	Cert.	16				yes	no	
Neuropsychiatric Institute Fargo, ND 58102	H.S. diploma	24 months	None	Cert.	6		St. John's*		no	no	
Minot State College Minot, ND 58701	H.S. diploma	4½ years		B.S. B.S.			Trinity* St. Joseph's*		yes	no	
Presentation College Aberdeen, SD 57401	H.S. diploma	24 months	$200	Cert.	14		St. Luke's*		yes	no	

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
RADIOLOGIC TECHNOLOGISTS, cont.										
College of Scholastica Duluth, MN 55800	College req.	24 months	None	Cert.	18		St.Mary's*		no	no
St.Mary's Hospital Duluth, MN 55800	H.S. diploma	24 months	None	Cert.	12		Duluth Clinic*		yes	no
St.Luke's Hospital Duluth, MN 55800	H.S. diploma	24 months	$110	Cert.	22				no	no
Fargo Clinic Fargo, ND 58101	H.S. diploma	24 months	Coll	Cert.	8		St.Ansgar's* St.Luke's*		yes	yes
St.Cloud Hospital St.Cloud, MN 56301	H.S. diploma	24 months	$165	Cert.	22				yes	no
West Bank Radial Therapy Center Minneapolis, MN 55400	H.S. diploma	24 months	$165	Cert.	12				yes	no
Eastern Montana College of Education Billings, MT 59101	H.S. diploma	30 months	None	Cert.	10		Billings Deaconess* Bozeman Deaconess, Bozeman		yes	no
St. Vincent's Hosp. Billings, MT 59101	H.S. diploma	24 months	None	Cert.	12				yes	yes
St.James Comm.Hosp. Butte, MT 59701	H.S.	24 months	None		10				yes	no

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available		Other
RADIOLOGIC TECHNOLOGISTS, cont.											
Bennett-Clarkson Memorial Hospital Rapid City, SD 57701	H.S. diploma	24 months	$150	Cert.	6				no	yes	
McKennan Hospital Sioux Falls, SD 57100	H.S. diploma	24 months	$150	Cert.	14				yes	no	
Sioux Valley Hospital Sioux Falls, SD 57100	H.S. diploma	24 months	$150	Cert.	12				no	yes	
Sacred Heart Hospital Yankton, SD 57078	H.S. diploma	24 months	$200	Cert.	9				yes	no	
Watertown School of Radiologic Technology Watertown, SD 57201	H.S. diploma	24 months	$200		8		Memorial Hosp.* St.Ann's* Brown Clinic* Barton Clinic*				
Willmar State Junior College Willmar, MN 56201	H.S. diploma	21 months		C.A.A.S.	10						
St. Mary's Jr. College 2600 S. 6th Street Minneapolis, MN 55406	H.S. diploma	24 months		Cert.							
St. Ansgar Hospital Moorhead, MN 56560	H.S. diploma	24 months		Cert.							
Billings Deaconess Hospital Billings, MT 59102	H.S. diploma	30 months	None	Cert.	10						

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
RADIOLOGIC TECHNOLOGISTS, contd.										
Methodist Hospital Mitchell, SD 57301	H.S. diploma	2 years	$150 per 2-year program	Certificate						
St. Joseph's Hospital Mitchell, SD 57301	H.S. diploma	2 years	$200 per 2-year program	Certificate	6				no	yes
St. Luke's Hospital Aberdeen, SD 57401	H.S. diploma	2 years	$200 per 2-year program	Certificate						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
RECREATIONAL THERAPY TECH										
Anoka-Ramsey State Junior College Coon Rapids, MN 55433										
MEDICAL SOCIAL WORKER										
School of Social Work 909 Social Science Building Univ. of Minnesota Minneapolis, MN 55455	B.A. B.S.	2 years		Masters of Social Work						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
REGISTERED NURSE — ASSOCIATE DEGREE										
Anoka-Ramsey State Junior College Coon Rapids, MN 55433	H.S. diploma	18 months		Cert. or A.A.	80					
Hibbing State Junior College Hibbing, MN 55746	H.S. diploma	22 months		A.S.	50					
Lakewood State Junior College White Bear Lake, MN 55110	H.S. diploma	18 months		C.A.A.S.	100					
Univ. of S.D. Vermillion, SD 57069	H.S. diploma	2 years	Per year $1421 res. $1933 non-res.	A.D.						
Normandale State Junior College Bloomington, MN 55431	H.S. diploma	18 months		Cert. or A.A.	50					
Rochester State Junior College Rochester, MN 55901	H.S. diploma	20 months		A.A.	300					
St. Mary's Junior College Minneapolis, MN 55406	H.S. diploma	21 months		A.A.S.	200					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
REGISTERED NURSE — ASSOCIATE DEGREE, cont.										
Presentation College Aberdeen, SD 57401	H.S. diploma	20 months		A.S.	145					
Dickinson State College Dickinson, ND 58601	H.S. diploma	21 months	Per quarter $135 res. $267 non-res.	A.S.	35		St. Joseph's*			
N. D. State Univ. Fargo, ND 58102	H.S. diploma	2 years	Per quarter $145 res. $388 non-res.	A.S.	65					
Metropolitan State Junior College Dept. of Nursing 50 Willow Street Minneapolis, MN 55403	H.S. diploma	2 years		A.A. or A.S.	100					
North Hennepin State Junior College 7411 85th Ave. N. Minneapolis, MN 55428	H.S. diploma	2 years		A.A. or A.S.						
Austin Junior College Department of Nursing Austin, MN 55912	H.S. diploma	2 years		A.A. or A.S.						
Associate Degree Nursing Program Northern Mont. College Havre, MT 59501	H.S. diploma	2 years		A.S.						
Miles Community College Miles City, MT 59301	H.S. diploma	2 years		A.S.						

* Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
REGISTERED NURSE — BACCALAUREATE DEGREE										
Jamestown College Jamestown, ND 58401	H.S. diploma	4 years	$1600 per year	B.S.	Unlimited	50% clinical				
Mary College Apple Creek Road Bismarck, ND 58501	H.S. ACT	4 years	$1010 per year	B.S.	40 - 50	50% clinical				
Minot State College Minot, ND 58701	H.S. ACT	4 years	Per quarter $132 res. $312 non-res.	B.S.	Unlimited	8 - 12 qtrs. of 4 years				
College of Nursing Univ. of N.D. Grand Forks, ND 58201	1 yr. college "C" average	4 years	Per year $446 res. $1063 non-res.		100 - 125	30% clinical				
Augustana College Sioux Falls, SD 57102	H.S. diploma	4 years	Per year $2200	Bacc.	Limited					
Univ. of Minnesota Admissions Morrill Hall Minneapolis, MN 55455	1 year college Bacc. degree	3 years 2 years	Approximately $1400 per year Approximately $1400 per year		B.A. M.S.		U. of Minnesota Hospitals *			
St. Olaf College Northfield, MN 55057	H.S. diploma	4 years	Per year $3400 includes room and board		B.S.		Fairview Veterans Hospital*			3 semesters included in length of program
College of St. Benedict Depart. of Nursing St. Joseph, MN 56374	H.S. diploma	4 years			Cert. or B.S.					
College of St. Catherine Dept. of Nursing 2004 Randolph St. Paul, MN 55105	H.S. diploma	4 years			Cert. or B.S.					

*Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
REGISTERED NURSE — BACCALAUREATE DEGREE, contd.										
College of St. Scholastica Dept. of Nursing 324 North 4th Ave. East Duluth, MN 55805	H.S. diploma	4 years		Cert. or B.S.						
College of St. Teresa Dept. of Nursing Winona, MN 55987	H.S. diploma	4 years		Cert. or B.S.						
Gustavus Adolphus College Dept. of Nursing St. Peter, MN 56082	H.S. diploma	4 years		Cert. or B.S.						
Mankato State College Division of Nursing Mankato, MN 56001	H.S. diploma	4 years		Cert. or B.S.						
Winona State College Dept. of Nursing Johnson & Sanborn Sts. Winona, MB 55987	H.S. Diploma	4 years		Cert. or B.S.						
School of Nursing Montana State Univ. Bozeman, MT 59715	H.S. Diploma	4 years		Baccalaureate						
Billings Deaconess Hospital P.O. Box 1291 Billings, MT 59103	H.S. Diploma	4 years		Baccalaureate						
S.D. State Univ. Brookings, SD 57006	H.S. Diploma	4 years	Per year $712	B.S.						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
REGISTERED NURSE — BACCALAUREATE DEGREE, contd.										
Montana Deaconess Hospital 1101 26th Street South Great Falls, MT 59405	H.S. diploma	4 years		Baccalaureate						
School of Nursing Carroll College Helena, MT 59601	H.S. diploma	4 years		Baccalaureate						
Mount Marty College Yankton, SD 57058	H.S. diploma	4 years	Per year $2000	B.S.						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
REGISTERED NURSE — DIPLOMA										
School of Nursing Bismarck Hospital Bismarck, ND 58501	H.S. ACT NLN Pre-Nursing Test	27 months	Approx. $3200	Diploma	40 - 45		Bismarck Jr. College			
School of Nursing St. Luke's Hospital Fargo, ND 58102	Chemistry ACT NLN Pre-Nursing and Guidance Exam	24 months	$3572 res. $3962 non-res.	Diploma	75	42%				
School of Nursing Trinity Hospital Minot, ND 58701	H.S.	27 months	$1600	Diploma	50	50%				
Abbott-Northwestern School of Nursing 810 East 27th Street Minneapolis, MN 55407	H.S. diploma	3 years		Diploma			Abbott-Northwestern*			
St. Paul Ramsey 640 Jackson Street St. Paul, MN 55101	H.S. diploma	3 years		Diploma			St. Paul Ramsey*			
Fairview Hosp. School of Nursing 2312 South 6th Street Minneapolis, MN 55406	H.S. diploma	3 years		Diploma			Fairview*			
Lutheran Deaconess School of Nursing 2315 14th Ave. S. Minneapolis, MN 55404	H.S. diploma	3 years		Diploma			Lutheran Deaconess*			

*Local

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
REGISTERED NURSE — DIPLOMA, contd.										
Methodist Hospital School of Nursing 6500 Excelsior Boulevard Minneapolis, MN 55426	H.S. diploma	3 years		Diploma			Methodist Hospital			
Mounds-Midway School of Nursing 1700 University Ave. St. Paul, MN 55104	H.S. diploma	3 years		Diploma						
St. Cloud School of Nursing 13th St. and 6th Ave.N. St. Cloud, MN 56301	H.S. diploma	3 years		Diploma						
St. Luke's Hospital School of Nursing 915 East First Street Duluth, MN 55805	H.S. diploma	3 years		Diploma			St. Luke's Hospital			
St. Patrick School of Nursing 500 West Broadway Missoula, MT 59801	H.S. diploma	3 years		Diploma						
Methodist Hosp. School of Nursing Mitchell, SD 57301		3 years	Approx. $4705 for complete program	Diploma						
Sioux Valley Hospital School of Nursing Sioux Falls, SD 57105		3 years	Approx. $5000 for complete program	Diploma						
St. John's Hospital School of Nursing Huron, SD 57350		3 years	Approx. $5000 for complete program	Diploma						
St. John's McNamara Hospital School of Nursing Rapid City, SD 57701		3 years	$3000 res. $3200 non-res.	Diploma						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available		Other
INHALATION THERAPY TECHNICIAN											
N.D. School of Inhalation Therapy Mary College Bismarck, ND 58501	H.S. diploma	2 years	Per year $1010		4 every 2 years		St. Alexius*				
North Hennepin State Jr. College Minneapolis, MN 55400	H.S. diploma	19 months	Cr.hr., $7 res. $13 non-res.	A.A.	8		North Memorial Minneapolis		yes	yes	
Augustana College Sioux Falls, SD 57102	H.S. diploma	2 years	Cr.hr. $40	Certificate	6		McKennan Hospital*		no	no	
Sioux Valley Hosp. Sioux Falls, SD 57105	2 year college	12 months	On the job training	Certificate	6				no	yes	
INHALATION THERAPIST											
St. Mary's Junior Col. Minneapolis, MN 55400	H.S. diploma	21 months		A.A.S.	25						
Mount Marty College Yankton, SD 57078		4 years	Per year $2115	B.S.							
Augustana College Sioux Falls, SD 57102		2 years	Per year $1950	Certificate			McKennan Hospital*				
Sioux Valley Hospital Sioux Falls, SD 57105		2 years pre-requisite	On the job training	Certificate							1 year training
RESPIRATORY THERAPY											
Augustana College Sioux Falls, SD 57102	H.S. diploma	2 years	Per year $2200	Certificate		1 year	McKennan Hospital*				

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School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
SOCIAL WORK										
Mary College Apple Creek Road Bismarck, ND 58501	2.06 PA- Inter dept. soph year	4 years	$1010	B.S.	Varies	20%				
Dept. of Social Work Univ. of N.D. Grand Forks, ND 58201	H.S. diploma ACT	4 years	Per year $446 res. $1063 non-res.	B.A.	Unlimited	20%				
SPECIAL EDUCATION										
Minot State College Minot, ND 58701	H.S. diploma ACT	4 years	Per quarter $133 res. $312 non-res.	B.S.	Unlimited					Offered in Mental Retardation, Speech Pathology, and Audiology, and Education of the Deaf
	B.S. Millers Analysis	1 year minimum		Masters (not in Mental Retardation)						
Division of Behaviorial Disabilities & Human Development Univ. of N.D. Grand Forks, ND 58201	1 year college	4 years	Per semester $223 res. $527 non-res.	B.S.	Approx. 50		25-30%			
	B.S. 2.75 GPA	3-4 sem.	Per semester $223 res. $527 non-res.	Masters	Approx. 15		20-25%			
SPEECH AND HEARING THERAPY										
Univ. of N.D. Grand Forks, ND 58201	H.S. diploma ACT	4 years	Per year $446 res. $1063 non-res.	B.A.	40 at Jr. level	14 semester hours				

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
SPEECH PATHOLOGY AND AUDIOLOGY										
N. D. State Univ. Fargo, ND 58102	H.S. diploma	4 years	Per quarter $145 res. $388 non-res.	B.A. B.S.	Unlimited					
Minot State College Minot, ND 58701	H.S. diploma	4 years	Per quarter $132 res. $312 non-res.	B.S. B.A.	Unlimited		Clinical			
Univ. of N. D. Williston Center Williston, ND 58801	H.S. diploma	2 years	$198 per semester	Transfer for 3 & 4 yr.	Unlimited					
Univ. of N.D. Grand Forks, ND 58201	H.S. diploma B.A.	4 years 2 years	Per year $446 res. $1062 non-res.	B.A.or B.S. Masters of Arts or Science	Unlimited		UND Clinic			
Mankato State Coll. Mankato, MN 56001	H.S. diploma	4 years		B.A. or B.S.						
Moorhead State College Moorhead, MN 56560	H.S. diploma	4 years		B.A. or B.S.						
Dept. of Speech Science Pathology & Audiology 110 Shevlin Hall Univ. of Minnesota Minneapolis, MN 55455	H.S. diploma	4 years	Per year $700 res. $1400 non-res.	B.A.						
Univ. of Montana Missoula, MT 59801		4 years	Per year	B.A. Pre-professional						

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
SPEECH THERAPY										
Dickinson State Dickinson, ND 58601	H.S. diploma	1-2 years	Per qtr. $135 res. $314 non-res.	Pre-professional transfer	Unlimited					
Mayville State Mayville, ND 58257	H.S. diploma	1 year	Per qtr. $128 res. $284 non-res.	Pre-professional transfer	Unlimited					

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
MEDICAL LABORATORY ASSISTANT										
Mitchell Area Voc-Tech Mitchell, SD 57301	H.S. diploma	1 year	Per month $50	CLA cert.						
Lake Area Voc-Tech School Watertown, SD 57201	H.S. diploma	1 year	Per month $50	CLA cert.						
MEDICAL LABORATORY TECHNICIAN										
Dakota Wesleyn Univ. Mitchell, SD 57301	H.S. diploma	2 years	Per year $2,105	A. Sc. Degree						
Presentation College Aberdeen, SD 57401	H.S. diploma	2 years	Per year $950	A. Sc.						
Turtle Mtn School of ParaMedical Technique NDSU-Bottineau, ND 58318	H.S.	21 mos.	Per quarter $275-res. $397-non res.	Associate Degree						
OB-GYN RESIDENCY										
Sacred Heart Hospital Yankton, SD 57078	H.S. diploma		None							
SURGERY RESIDENCY										
Sacred Heart Hospital Yankton, SD 57078	H.S. diploma		None							
ROTATING INTERNSHIP										
McKennan Hospital Sioux Falls, SD 57101	H.S. diploma		None							
Sioux Valley Hospital Sioux Falls, SD 57105	H.S. diploma		None							

School	Academic Entrance Requirements	Length of Program	Tuition	Certificate or Degree Granted	Number of Students	Length of Affiliation	Facility Affiliated with	Student Capacity	Stipend or Scholarship Available	Other
VISION CARE TECHNICIAN										
Itasca State Junior College Grand Rapids, MN 55744	H.S. diploma	11 months		Cert.	20					
X-RAY TECH										
Dickinson State College Dickinson, ND 58601	H.S. diploma	1 - 2 years	Per quarter $135 res. $314 non-res.							Pre-Professional curriculum